

# SAFETY DATA SHEET

drMID 49-96 for Illumina NGS systems

## Section 1. Identification

### 1.1 Product identifier

<b>Product name</b>	: drMID 49-96 for Illumina NGS systems	
<b>Part No. (Chemical Kit)</b>	: ML-0209.240	
<b>Part No.</b>	: drMID 1-48/49-96 Taq DNA pol.	I-1951
	drMID 1-48/49-96 Universal PCR Mix	I-1949
	drMID 1-48/49-96 GS-labeling PCR Mix	I-1950
	drMID 1-48/49-96 Read 1 Primer Mix	I-1945
	drMID 1-48/49-96 Read 2 Primer Mix	I-1946
	drMID 1-48/49-96 Index 1 Primer Mix	I-1947
	drMID 1-48 49-96 Index 2 Primer	I-1948
	drMID 49-96 P7-09 Primer Mix	I-1931
	drMID 49-96 P7-10 Primer Mix	I-1932
	drMID 49-96 P7-11 Primer Mix	I-1933
	drMID 49-96 P7-12 Primer Mix	I-1934
	drMID 49-96 P7-13 Primer Mix	I-1935
	drMID 49-96 P7-14 Primer Mix	I-1936
	drMID 49-96 P7-15 Primer Mix	I-1937
	drMID 49-96 P7-16 Primer Mix	I-1938
	drMID 49-96 P5-07 Primer Mix	I-1939
	drMID 49-96 P5-08 Primer Mix	I-1940
	drMID 49-96 P5-09 Primer Mix	I-1941
	drMID 49-96 P5-10 Primer Mix	I-1942
	drMID 49-96 P5-11 Primer Mix	I-1943
	drMID 49-96 P5-12 Primer Mix	I-1944

**Validation date** : 8/30/2017

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

<b>Material uses</b>	: <input checked="" type="checkbox"/> Analytical reagent.	
	For Research Use Only. Not for use in diagnostic procedures.	
	drMID 1-48/49-96 Taq DNA pol.	0.08 ml
	drMID 1-48/49-96 Universal PCR Mix	0.8 ml
	drMID 1-48/49-96 GS-labeling PCR Mix	1.04 ml
	drMID 1-48/49-96 Read 1 Primer Mix	0.04 ml
	drMID 1-48/49-96 Read 2 Primer Mix	0.04 ml
	drMID 1-48/49-96 Index 1 Primer Mix	0.04 ml
	drMID 1-48 49-96 Index 2 Primer	0.04 ml
	drMID 49-96 P7-09 Primer Mix	0.08 ml
	drMID 49-96 P7-10 Primer Mix	0.08 ml
	drMID 49-96 P7-11 Primer Mix	0.08 ml
	drMID 49-96 P7-12 Primer Mix	0.08 ml
	drMID 49-96 P7-13 Primer Mix	0.08 ml
	drMID 49-96 P7-14 Primer Mix	0.08 ml
	drMID 49-96 P7-15 Primer Mix	0.08 ml
	drMID 49-96 P7-16 Primer Mix	0.08 ml
	drMID 49-96 P5-07 Primer Mix	0.08 ml
	drMID 49-96 P5-08 Primer Mix	0.08 ml
	drMID 49-96 P5-09 Primer Mix	0.08 ml
	drMID 49-96 P5-10 Primer Mix	0.08 ml
	drMID 49-96 P5-11 Primer Mix	0.08 ml
	drMID 49-96 P5-12 Primer Mix	0.08 ml

### 1.3 Details of the supplier of the safety data sheet

## Section 1. Identification

**Supplier/Manufacturer** : Agilent Technologies Belgium  
De Kleetlaan 5 bus 9  
1831 Diegem  
Belgium

### 1.4 Emergency telephone number

**In case of emergency** : CHEMTREC®: 1-800-424-9300

## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

<b>OSHA/HCS status</b>	: drMID 1-48/49-96 Taq DNA pol. drMID 1-48/49-96 Universal PCR Mix	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	drMID 1-48/49-96 GS-labeling PCR Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	drMID 1-48/49-96 Read 1 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	drMID 1-48/49-96 Read 2 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	drMID 1-48/49-96 Index 1 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	drMID 1-48 49-96 Index 2 Primer	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	drMID 49-96 P7-09 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	drMID 49-96 P7-10 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

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	1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P7-11 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P7-12 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P7-13 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P7-14 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P7-15 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P7-16 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P5-07 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P5-08 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P5-09 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P5-10 Primer	While this material is not considered hazardous by the

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Mix	OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P5-11 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
drMID 49-96 P5-12 Primer Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

### Classification of the substance or mixture

#### drMID 1-48/49-96 Taq DNA pol.

H320	EYE IRRITATION - Category 2B
<b>Ingredients of unknown toxicity</b>	:
drMID 1-48/49-96 Taq DNA pol.	Percentage of the mixture consisting of ingredient (s) of unknown inhalation toxicity: 10 - 30%
drMID 1-48/49-96 Read 1 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown dermal toxicity: 10 - 30%
drMID 1-48/49-96 Read 2 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown inhalation toxicity: 10 - 30%
drMID 1-48/49-96 Index 1 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown dermal toxicity: 10 - 30%
drMID 1-48 49-96 Index 2 Primer	Percentage of the mixture consisting of ingredient (s) of unknown inhalation toxicity: 10 - 30%
drMID 49-96 P7-09 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown dermal toxicity: 1 - 10%
drMID 49-96 P7-10 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown inhalation toxicity: 1 - 10%
drMID 49-96 P7-11 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown dermal toxicity: 1 - 10%
drMID 49-96 P7-12 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown inhalation toxicity: 1 - 10%
drMID 49-96 P7-13 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown dermal toxicity: 1 - 10%
	Percentage of the mixture consisting of ingredient (s) of unknown inhalation toxicity: 1 - 10%

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drMID 49-96 P7-14 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown dermal toxicity: 1 - 10%
drMID 49-96 P7-15 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown inhalation toxicity: 1 - 10%
drMID 49-96 P7-16 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown dermal toxicity: 1 - 10%
drMID 49-96 P5-07 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown inhalation toxicity: 1 - 10%
drMID 49-96 P5-08 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown dermal toxicity: 1 - 10%
drMID 49-96 P5-09 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown inhalation toxicity: 1 - 10%
drMID 49-96 P5-10 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown dermal toxicity: 1 - 10%
drMID 49-96 P5-11 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown inhalation toxicity: 1 - 10%
drMID 49-96 P5-12 Primer Mix	Percentage of the mixture consisting of ingredient (s) of unknown dermal toxicity: 1 - 10%

### 2.2 GHS label elements



#### Signal word

drMID 1-48/49-96 Taq DNA pol.	Warning
drMID 1-48/49-96 Universal PCR Mix	No signal word.
drMID 1-48/49-96 GS-labeling PCR Mix	No signal word.
drMID 1-48/49-96 Read 1 Primer Mix	No signal word.
drMID 1-48/49-96 Read 2 Primer Mix	No signal word.
drMID 1-48/49-96 Index 1 Primer Mix	No signal word.
drMID 1-48 49-96 Index 2 Primer	No signal word.
drMID 49-96 P7-09 Primer Mix	No signal word.
drMID 49-96 P7-10 Primer Mix	No signal word.
drMID 49-96 P7-11 Primer Mix	No signal word.
drMID 49-96 P7-12 Primer Mix	No signal word.
drMID 49-96 P7-13 Primer Mix	No signal word.
drMID 49-96 P7-14 Primer Mix	No signal word.
drMID 49-96 P7-15 Primer Mix	No signal word.
drMID 49-96 P7-16 Primer Mix	No signal word.
drMID 49-96 P5-07 Primer Mix	No signal word.

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<b>Hazard statements</b>	drMID 49-96 P5-08 Primer Mix	No signal word.
	drMID 49-96 P5-09 Primer Mix	No signal word.
	drMID 49-96 P5-10 Primer Mix	No signal word.
	drMID 49-96 P5-11 Primer Mix	No signal word.
	drMID 49-96 P5-12 Primer Mix	No signal word.
	drMID 1-48/49-96 Taq DNA pol.	H320 - Causes eye irritation.
	drMID 1-48/49-96 Universal PCR Mix	No known significant effects or critical hazards.
	drMID 1-48/49-96 GS-labeling PCR Mix	No known significant effects or critical hazards.
	drMID 1-48/49-96 Read 1 Primer Mix	No known significant effects or critical hazards.
	drMID 1-48/49-96 Read 2 Primer Mix	No known significant effects or critical hazards.
	drMID 1-48/49-96 Index 1 Primer Mix	No known significant effects or critical hazards.
	drMID 1-48 49-96 Index 2 Primer	No known significant effects or critical hazards.
	drMID 49-96 P7-09 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-10 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-11 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-12 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-13 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-14 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-15 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-16 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-07 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-08 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-09 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-10 Primer Mix	No known significant effects or critical hazards.	
drMID 49-96 P5-11 Primer Mix	No known significant effects or critical hazards.	
drMID 49-96 P5-12 Primer Mix	No known significant effects or critical hazards.	
<b>Precautionary statements</b>		
<b>Prevention</b>	drMID 1-48/49-96 Taq DNA pol.	P264 - Wash hands thoroughly after handling.
	drMID 1-48/49-96 Universal PCR Mix	Not applicable.
	drMID 1-48/49-96 GS-labeling PCR Mix	Not applicable.
	drMID 1-48/49-96 Read 1 Primer Mix	Not applicable.
	drMID 1-48/49-96 Read 2 Primer Mix	Not applicable.
	drMID 1-48/49-96 Index 1 Primer Mix	Not applicable.
	drMID 1-48 49-96 Index 2 Primer	Not applicable.
	drMID 49-96 P7-09 Primer Mix	Not applicable.
	drMID 49-96 P7-10 Primer Mix	Not applicable.
	drMID 49-96 P7-11 Primer Mix	Not applicable.
	drMID 49-96 P7-12 Primer Mix	Not applicable.
	drMID 49-96 P7-13 Primer Mix	Not applicable.
	drMID 49-96 P7-14 Primer Mix	Not applicable.
	drMID 49-96 P7-15 Primer Mix	Not applicable.
	drMID 49-96 P7-16 Primer Mix	Not applicable.
	drMID 49-96 P5-07 Primer Mix	Not applicable.
	drMID 49-96 P5-08 Primer Mix	Not applicable.
	drMID 49-96 P5-09 Primer Mix	Not applicable.
	drMID 49-96 P5-10 Primer Mix	Not applicable.
	drMID 49-96 P5-11 Primer Mix	Not applicable.
	drMID 49-96 P5-12 Primer Mix	Not applicable.

## Section 2. Hazards identification

<b>Response</b>	:  drMID 1-48/49-96 Taq DNA pol.	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	drMID 1-48/49-96 Universal PCR Mix	Not applicable.
	drMID 1-48/49-96 GS-labeling PCR Mix	Not applicable.
	drMID 1-48/49-96 Read 1 Primer Mix	Not applicable.
	drMID 1-48/49-96 Read 2 Primer Mix	Not applicable.
	drMID 1-48/49-96 Index 1 Primer Mix	Not applicable.
	drMID 1-48 49-96 Index 2 Primer	Not applicable.
	drMID 49-96 P7-09 Primer Mix	Not applicable.
	drMID 49-96 P7-10 Primer Mix	Not applicable.
	drMID 49-96 P7-11 Primer Mix	Not applicable.
	drMID 49-96 P7-12 Primer Mix	Not applicable.
	drMID 49-96 P7-13 Primer Mix	Not applicable.
	drMID 49-96 P7-14 Primer Mix	Not applicable.
	drMID 49-96 P7-15 Primer Mix	Not applicable.
	drMID 49-96 P7-16 Primer Mix	Not applicable.
	drMID 49-96 P5-07 Primer Mix	Not applicable.
	drMID 49-96 P5-08 Primer Mix	Not applicable.
	drMID 49-96 P5-09 Primer Mix	Not applicable.
	drMID 49-96 P5-10 Primer Mix	Not applicable.
	drMID 49-96 P5-11 Primer Mix	Not applicable.
	drMID 49-96 P5-12 Primer Mix	Not applicable.
<b>Storage</b>	:  drMID 1-48/49-96 Taq DNA pol.	Not applicable.
	drMID 1-48/49-96 Universal PCR Mix	Not applicable.
	drMID 1-48/49-96 GS-labeling PCR Mix	Not applicable.
	drMID 1-48/49-96 Read 1 Primer Mix	Not applicable.
	drMID 1-48/49-96 Read 2 Primer Mix	Not applicable.
	drMID 1-48/49-96 Index 1 Primer Mix	Not applicable.
	drMID 1-48 49-96 Index 2 Primer	Not applicable.
	drMID 49-96 P7-09 Primer Mix	Not applicable.
	drMID 49-96 P7-10 Primer Mix	Not applicable.
	drMID 49-96 P7-11 Primer Mix	Not applicable.
	drMID 49-96 P7-12 Primer Mix	Not applicable.
	drMID 49-96 P7-13 Primer Mix	Not applicable.
	drMID 49-96 P7-14 Primer Mix	Not applicable.
	drMID 49-96 P7-15 Primer Mix	Not applicable.
	drMID 49-96 P7-16 Primer Mix	Not applicable.
	drMID 49-96 P5-07 Primer Mix	Not applicable.
	drMID 49-96 P5-08 Primer Mix	Not applicable.
	drMID 49-96 P5-09 Primer Mix	Not applicable.
	drMID 49-96 P5-10 Primer Mix	Not applicable.
	drMID 49-96 P5-11 Primer Mix	Not applicable.
	drMID 49-96 P5-12 Primer Mix	Not applicable.
<b>Disposal</b>	:	

## Section 2. Hazards identification

	drMID 1-48/49-96 Taq DNA pol.	Not applicable.
	drMID 1-48/49-96 Universal PCR Mix	Not applicable.
	drMID 1-48/49-96 GS-labeling PCR Mix	Not applicable.
	drMID 1-48/49-96 Read 1 Primer Mix	Not applicable.
	drMID 1-48/49-96 Read 2 Primer Mix	Not applicable.
	drMID 1-48/49-96 Index 1 Primer Mix	Not applicable.
	drMID 1-48 49-96 Index 2 Primer	Not applicable.
	drMID 49-96 P7-09 Primer Mix	Not applicable.
	drMID 49-96 P7-10 Primer Mix	Not applicable.
	drMID 49-96 P7-11 Primer Mix	Not applicable.
	drMID 49-96 P7-12 Primer Mix	Not applicable.
	drMID 49-96 P7-13 Primer Mix	Not applicable.
	drMID 49-96 P7-14 Primer Mix	Not applicable.
	drMID 49-96 P7-15 Primer Mix	Not applicable.
	drMID 49-96 P7-16 Primer Mix	Not applicable.
	drMID 49-96 P5-07 Primer Mix	Not applicable.
	drMID 49-96 P5-08 Primer Mix	Not applicable.
	drMID 49-96 P5-09 Primer Mix	Not applicable.
	drMID 49-96 P5-10 Primer Mix	Not applicable.
	drMID 49-96 P5-11 Primer Mix	Not applicable.
	drMID 49-96 P5-12 Primer Mix	Not applicable.
<b>Supplemental label elements</b>	drMID 1-48/49-96 Taq DNA pol.	None known.
	drMID 1-48/49-96 Universal PCR Mix	None known.
	drMID 1-48/49-96 GS-labeling PCR Mix	None known.
	drMID 1-48/49-96 Read 1 Primer Mix	None known.
	drMID 1-48/49-96 Read 2 Primer Mix	None known.
	drMID 1-48/49-96 Index 1 Primer Mix	None known.
	drMID 1-48 49-96 Index 2 Primer	None known.
	drMID 49-96 P7-09 Primer Mix	None known.
	drMID 49-96 P7-10 Primer Mix	None known.
	drMID 49-96 P7-11 Primer Mix	None known.
	drMID 49-96 P7-12 Primer Mix	None known.
	drMID 49-96 P7-13 Primer Mix	None known.
	drMID 49-96 P7-14 Primer Mix	None known.
	drMID 49-96 P7-15 Primer Mix	None known.
	drMID 49-96 P7-16 Primer Mix	None known.
	drMID 49-96 P5-07 Primer Mix	None known.
	drMID 49-96 P5-08 Primer Mix	None known.
	drMID 49-96 P5-09 Primer Mix	None known.
	drMID 49-96 P5-10 Primer Mix	None known.
	drMID 49-96 P5-11 Primer Mix	None known.
drMID 49-96 P5-12 Primer Mix	None known.	

### 2.3 Other hazards



## Section 2. Hazards identification

<b>Hazards not otherwise classified</b>	:	drMID 1-48/49-96 Taq DNA pol.	None known.
		drMID 1-48/49-96 Universal PCR Mix	None known.
		drMID 1-48/49-96 GS-labeling PCR Mix	None known.
		drMID 1-48/49-96 Read 1 Primer Mix	None known.
		drMID 1-48/49-96 Read 2 Primer Mix	None known.
		drMID 1-48/49-96 Index 1 Primer Mix	None known.
		drMID 1-48 49-96 Index 2 Primer	None known.
		drMID 49-96 P7-09 Primer Mix	None known.
		drMID 49-96 P7-10 Primer Mix	None known.
		drMID 49-96 P7-11 Primer Mix	None known.
		drMID 49-96 P7-12 Primer Mix	None known.
		drMID 49-96 P7-13 Primer Mix	None known.
		drMID 49-96 P7-14 Primer Mix	None known.
		drMID 49-96 P7-15 Primer Mix	None known.
		drMID 49-96 P7-16 Primer Mix	None known.
		drMID 49-96 P5-07 Primer Mix	None known.
		drMID 49-96 P5-08 Primer Mix	None known.
		drMID 49-96 P5-09 Primer Mix	None known.
		drMID 49-96 P5-10 Primer Mix	None known.
		drMID 49-96 P5-11 Primer Mix	None known.
	drMID 49-96 P5-12 Primer Mix	None known.	

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	:	drMID 1-48/49-96 Taq DNA pol.	Mixture
		drMID 1-48/49-96 Universal PCR Mix	Mixture
		drMID 1-48/49-96 GS-labeling PCR Mix	Mixture
		drMID 1-48/49-96 Read 1 Primer Mix	Mixture
		drMID 1-48/49-96 Read 2 Primer Mix	Mixture
		drMID 1-48/49-96 Index 1 Primer Mix	Mixture
		drMID 1-48 49-96 Index 2 Primer	Mixture
		drMID 49-96 P7-09 Primer Mix	Mixture
		drMID 49-96 P7-10 Primer Mix	Mixture
		drMID 49-96 P7-11 Primer Mix	Mixture
		drMID 49-96 P7-12 Primer Mix	Mixture
		drMID 49-96 P7-13 Primer Mix	Mixture
		drMID 49-96 P7-14 Primer Mix	Mixture
		drMID 49-96 P7-15 Primer Mix	Mixture
		drMID 49-96 P7-16 Primer Mix	Mixture
		drMID 49-96 P5-07 Primer Mix	Mixture
		drMID 49-96 P5-08 Primer Mix	Mixture
		drMID 49-96 P5-09 Primer Mix	Mixture
		drMID 49-96 P5-10 Primer Mix	Mixture
		drMID 49-96 P5-11 Primer Mix	Mixture
	drMID 49-96 P5-12 Primer Mix	Mixture	

Ingredient name	%	CAS number
drMID 1-48/49-96 Taq DNA pol. Glycerol	≥25 - ≤50	56-81-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## Section 3. Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### 4.1 Description of necessary first aid measures

<b>Eye contact</b>	:	drMID 1-48/49-96 Taq DNA pol.	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
		drMID 1-48/49-96 Universal PCR Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		drMID 1-48/49-96 GS-labeling PCR Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		drMID 1-48/49-96 Read 1 Primer Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		drMID 1-48/49-96 Read 2 Primer Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		drMID 1-48/49-96 Index 1 Primer Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		drMID 1-48 49-96 Index 2 Primer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		drMID 49-96 P7-09 Primer Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		drMID 49-96 P7-10 Primer Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		drMID 49-96 P7-11 Primer Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		drMID 49-96 P7-12 Primer Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		drMID 49-96 P7-13 Primer Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		drMID 49-96 P7-14 Primer Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

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Check for and remove any contact lenses. Get medical attention if irritation occurs.

drMID 49-96 P7-15 Primer Mix

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

drMID 49-96 P7-16 Primer Mix

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

drMID 49-96 P5-07 Primer Mix

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

drMID 49-96 P5-08 Primer Mix

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

drMID 49-96 P5-09 Primer Mix

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

drMID 49-96 P5-10 Primer Mix

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

drMID 49-96 P5-11 Primer Mix

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

drMID 49-96 P5-12 Primer Mix

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

### Inhalation

: drMID 1-48/49-96 Taq DNA pol.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

drMID 1-48/49-96 Universal PCR Mix

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

drMID 1-48/49-96 GS-labeling PCR Mix

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

drMID 1-48/49-96 Read 1 Primer Mix

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

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drMID 1-48/49-96 Read 2 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 1-48/49-96 Index 1 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 1-48 49-96 Index 2 Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-09 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-10 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-11 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-12 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-13 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-14 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation

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	of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-15 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-16 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-07 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-08 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-09 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-10 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-11 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-12 Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

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### Skin contact

: drMID 1-48/49-96 Taq DNA pol.	hours. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
drMID 1-48/49-96 Universal PCR Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 1-48/49-96 GS-labeling PCR Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 1-48/49-96 Read 1 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 1-48/49-96 Read 2 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 1-48/49-96 Index 1 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 1-48 49-96 Index 2 Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P7-09 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P7-10 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P7-11 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P7-12 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P7-13 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P7-14 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P7-15 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P7-16 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P5-07 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P5-08 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P5-09 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
drMID 49-96 P5-10 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get

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	drMID 49-96 P5-11 Primer Mix	medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	drMID 49-96 P5-12 Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Ingestion</b>	: drMID 1-48/49-96 Taq DNA pol.	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	drMID 1-48/49-96 Universal PCR Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	drMID 1-48/49-96 GS-labeling PCR Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	drMID 1-48/49-96 Read 1 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	drMID 1-48/49-96 Read 2 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	drMID 1-48/49-96 Index 1 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	drMID 1-48 49-96 Index 2 Primer	Wash out mouth with water. Remove victim to

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drMID 49-96 P7-09 Primer Mix	fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P7-10 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P7-11 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P7-12 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P7-13 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P7-14 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P7-15 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P7-16 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small



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drMID 49-96 P5-07 Primer Mix	quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P5-08 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P5-09 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P5-10 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P5-11 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
drMID 49-96 P5-12 Primer Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### 4.2 Most important symptoms/effects, acute and delayed

#### Potential acute health effects

<b>Eye contact</b>	: drMID 1-48/49-96 Taq DNA pol. drMID 1-48/49-96 Universal PCR Mix drMID 1-48/49-96 GS-labeling PCR Mix drMID 1-48/49-96 Read 1 Primer Mix drMID 1-48/49-96 Read 2 Primer Mix drMID 1-48/49-96 Index 1 Primer	Causes eye irritation. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
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	drMID 49-96 P7-14 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-15 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-16 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-07 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-08 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-09 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-10 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-11 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-12 Primer Mix	No known significant effects or critical hazards.
<b>Ingestion</b>	:	
	drMID 1-48/49-96 Taq DNA pol.	No known significant effects or critical hazards.
	drMID 1-48/49-96 Universal PCR Mix	No known significant effects or critical hazards.
	drMID 1-48/49-96 GS-labeling PCR Mix	No known significant effects or critical hazards.
	drMID 1-48/49-96 Read 1 Primer Mix	No known significant effects or critical hazards.
	drMID 1-48/49-96 Read 2 Primer Mix	No known significant effects or critical hazards.
	drMID 1-48/49-96 Index 1 Primer Mix	No known significant effects or critical hazards.
	drMID 1-48 49-96 Index 2 Primer	No known significant effects or critical hazards.
	drMID 49-96 P7-09 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-10 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-11 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-12 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-13 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-14 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-15 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P7-16 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-07 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-08 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-09 Primer Mix	No known significant effects or critical hazards.
	drMID 49-96 P5-10 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-11 Primer Mix	No known significant effects or critical hazards.	
drMID 49-96 P5-12 Primer Mix	No known significant effects or critical hazards.	

### Over-exposure signs/symptoms

<b>Eye contact</b>	:	
	drMID 1-48/49-96 Taq DNA pol.	Adverse symptoms may include the following: irritation watering redness
	drMID 1-48/49-96 Universal PCR Mix	No specific data.
	drMID 1-48/49-96 GS-labeling PCR Mix	No specific data.
	drMID 1-48/49-96 Read 1 Primer Mix	No specific data.
	drMID 1-48/49-96 Read 2 Primer Mix	No specific data.
	drMID 1-48/49-96 Index 1 Primer Mix	No specific data.
	drMID 1-48 49-96 Index 2 Primer	No specific data.
	drMID 49-96 P7-09 Primer Mix	No specific data.
	drMID 49-96 P7-10 Primer Mix	No specific data.
	drMID 49-96 P7-11 Primer Mix	No specific data.
	drMID 49-96 P7-12 Primer Mix	No specific data.
	drMID 49-96 P7-13 Primer Mix	No specific data.
	drMID 49-96 P7-14 Primer Mix	No specific data.
	drMID 49-96 P7-15 Primer Mix	No specific data.
	drMID 49-96 P7-16 Primer Mix	No specific data.

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	drMID 49-96 P5-07 Primer Mix	No specific data.
	drMID 49-96 P5-08 Primer Mix	No specific data.
	drMID 49-96 P5-09 Primer Mix	No specific data.
	drMID 49-96 P5-10 Primer Mix	No specific data.
	drMID 49-96 P5-11 Primer Mix	No specific data.
	drMID 49-96 P5-12 Primer Mix	No specific data.
<b>Inhalation</b>	: drMID 1-48/49-96 Taq DNA pol.	No specific data.
	drMID 1-48/49-96 Universal PCR Mix	No specific data.
	drMID 1-48/49-96 GS-labeling PCR Mix	No specific data.
	drMID 1-48/49-96 Read 1 Primer Mix	No specific data.
	drMID 1-48/49-96 Read 2 Primer Mix	No specific data.
	drMID 1-48/49-96 Index 1 Primer Mix	No specific data.
	drMID 1-48 49-96 Index 2 Primer	No specific data.
	drMID 49-96 P7-09 Primer Mix	No specific data.
	drMID 49-96 P7-10 Primer Mix	No specific data.
	drMID 49-96 P7-11 Primer Mix	No specific data.
	drMID 49-96 P7-12 Primer Mix	No specific data.
	drMID 49-96 P7-13 Primer Mix	No specific data.
	drMID 49-96 P7-14 Primer Mix	No specific data.
	drMID 49-96 P7-15 Primer Mix	No specific data.
	drMID 49-96 P7-16 Primer Mix	No specific data.
	drMID 49-96 P5-07 Primer Mix	No specific data.
	drMID 49-96 P5-08 Primer Mix	No specific data.
	drMID 49-96 P5-09 Primer Mix	No specific data.
	drMID 49-96 P5-10 Primer Mix	No specific data.
	drMID 49-96 P5-11 Primer Mix	No specific data.
	drMID 49-96 P5-12 Primer Mix	No specific data.
<b>Skin contact</b>	: drMID 1-48/49-96 Taq DNA pol.	No specific data.
	drMID 1-48/49-96 Universal PCR Mix	No specific data.
	drMID 1-48/49-96 GS-labeling PCR Mix	No specific data.
	drMID 1-48/49-96 Read 1 Primer Mix	No specific data.
	drMID 1-48/49-96 Read 2 Primer Mix	No specific data.
	drMID 1-48/49-96 Index 1 Primer Mix	No specific data.
	drMID 1-48 49-96 Index 2 Primer	No specific data.
	drMID 49-96 P7-09 Primer Mix	No specific data.
	drMID 49-96 P7-10 Primer Mix	No specific data.
	drMID 49-96 P7-11 Primer Mix	No specific data.
	drMID 49-96 P7-12 Primer Mix	No specific data.
	drMID 49-96 P7-13 Primer Mix	No specific data.
	drMID 49-96 P7-14 Primer Mix	No specific data.
	drMID 49-96 P7-15 Primer Mix	No specific data.
	drMID 49-96 P7-16 Primer Mix	No specific data.
	drMID 49-96 P5-07 Primer Mix	No specific data.
	drMID 49-96 P5-08 Primer Mix	No specific data.
	drMID 49-96 P5-09 Primer Mix	No specific data.
	drMID 49-96 P5-10 Primer Mix	No specific data.
	drMID 49-96 P5-11 Primer Mix	No specific data.
	drMID 49-96 P5-12 Primer Mix	No specific data.

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<b>Ingestion</b>	:	drMID 1-48/49-96 Taq DNA pol.	No specific data.
		drMID 1-48/49-96 Universal PCR Mix	No specific data.
		drMID 1-48/49-96 GS-labeling PCR Mix	No specific data.
		drMID 1-48/49-96 Read 1 Primer Mix	No specific data.
		drMID 1-48/49-96 Read 2 Primer Mix	No specific data.
		drMID 1-48/49-96 Index 1 Primer Mix	No specific data.
		drMID 1-48 49-96 Index 2 Primer	No specific data.
		drMID 49-96 P7-09 Primer Mix	No specific data.
		drMID 49-96 P7-10 Primer Mix	No specific data.
		drMID 49-96 P7-11 Primer Mix	No specific data.
		drMID 49-96 P7-12 Primer Mix	No specific data.
		drMID 49-96 P7-13 Primer Mix	No specific data.
		drMID 49-96 P7-14 Primer Mix	No specific data.
		drMID 49-96 P7-15 Primer Mix	No specific data.
		drMID 49-96 P7-16 Primer Mix	No specific data.
		drMID 49-96 P5-07 Primer Mix	No specific data.
		drMID 49-96 P5-08 Primer Mix	No specific data.
		drMID 49-96 P5-09 Primer Mix	No specific data.
		drMID 49-96 P5-10 Primer Mix	No specific data.
		drMID 49-96 P5-11 Primer Mix	No specific data.
		drMID 49-96 P5-12 Primer Mix	No specific data.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

<b>Notes to physician</b>	:	drMID 1-48/49-96 Taq DNA pol.	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		drMID 1-48/49-96 Universal PCR Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		drMID 1-48/49-96 GS-labeling PCR Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		drMID 1-48/49-96 Read 1 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
		drMID 1-48/49-96 Read 2 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
		drMID 1-48/49-96 Index 1 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
		drMID 1-48 49-96 Index 2 Primer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
		drMID 49-96 P7-09 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
		drMID 49-96 P7-10 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed

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	person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-11 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-12 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-13 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-14 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-15 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P7-16 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-07 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-08 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-09 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-10 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-11 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
drMID 49-96 P5-12 Primer Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
<b>Specific treatments</b>	
: drMID 1-48/49-96 Taq DNA pol.	No specific treatment.
drMID 1-48/49-96 Universal PCR Mix	No specific treatment.
drMID 1-48/49-96 GS-labeling PCR Mix	No specific treatment.
drMID 1-48/49-96 Read 1 Primer Mix	No specific treatment.
drMID 1-48/49-96 Read 2 Primer Mix	No specific treatment.

## Section 4. First aid measures

	drMID 1-48/49-96 Index 1 Primer Mix	No specific treatment.
	drMID 1-48 49-96 Index 2 Primer Mix	No specific treatment.
	drMID 49-96 P7-09 Primer Mix	No specific treatment.
	drMID 49-96 P7-10 Primer Mix	No specific treatment.
	drMID 49-96 P7-11 Primer Mix	No specific treatment.
	drMID 49-96 P7-12 Primer Mix	No specific treatment.
	drMID 49-96 P7-13 Primer Mix	No specific treatment.
	drMID 49-96 P7-14 Primer Mix	No specific treatment.
	drMID 49-96 P7-15 Primer Mix	No specific treatment.
	drMID 49-96 P7-16 Primer Mix	No specific treatment.
	drMID 49-96 P5-07 Primer Mix	No specific treatment.
	drMID 49-96 P5-08 Primer Mix	No specific treatment.
	drMID 49-96 P5-09 Primer Mix	No specific treatment.
	drMID 49-96 P5-10 Primer Mix	No specific treatment.
	drMID 49-96 P5-11 Primer Mix	No specific treatment.
	drMID 49-96 P5-12 Primer Mix	No specific treatment.
<b>Protection of first-aiders</b>	: drMID 1-48/49-96 Taq DNA pol.	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
	drMID 1-48/49-96 Universal PCR Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 1-48/49-96 GS-labeling PCR Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 1-48/49-96 Read 1 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 1-48/49-96 Read 2 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 1-48/49-96 Index 1 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 1-48 49-96 Index 2 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P7-09 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P7-10 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P7-11 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P7-12 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P7-13 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P7-14 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P7-15 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P7-16 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P5-07 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P5-08 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P5-09 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P5-10 Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	drMID 49-96 P5-11 Primer Mix	No action shall be taken involving any personal risk or without suitable training.

## Section 4. First aid measures

drMID 49-96 P5-12 Primer Mix

No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

: drMID 1-48/49-96 Taq DNA pol.	Use an extinguishing agent suitable for the surrounding fire.
drMID 1-48/49-96 Universal PCR Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 1-48/49-96 GS-labeling PCR Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 1-48/49-96 Read 1 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 1-48/49-96 Read 2 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 1-48/49-96 Index 1 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 1-48 49-96 Index 2 Primer	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P7-09 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P7-10 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P7-11 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P7-12 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P7-13 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P7-14 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P7-15 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P7-16 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P5-07 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P5-08 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P5-09 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P5-10 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P5-11 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
drMID 49-96 P5-12 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.

#### Unsuitable extinguishing media

: drMID 1-48/49-96 Taq DNA pol.	None known.
drMID 1-48/49-96 Universal PCR Mix	None known.
drMID 1-48/49-96 GS-labeling PCR Mix	None known.
drMID 1-48/49-96 Read 1 Primer Mix	None known.
drMID 1-48/49-96 Read 2 Primer	None known.



## Section 5. Fire-fighting measures

Mix	drMID 1-48/49-96 Index 1 Primer	None known.
Mix	drMID 1-48 49-96 Index 2 Primer	None known.
	drMID 49-96 P7-09 Primer Mix	None known.
	drMID 49-96 P7-10 Primer Mix	None known.
	drMID 49-96 P7-11 Primer Mix	None known.
	drMID 49-96 P7-12 Primer Mix	None known.
	drMID 49-96 P7-13 Primer Mix	None known.
	drMID 49-96 P7-14 Primer Mix	None known.
	drMID 49-96 P7-15 Primer Mix	None known.
	drMID 49-96 P7-16 Primer Mix	None known.
	drMID 49-96 P5-07 Primer Mix	None known.
	drMID 49-96 P5-08 Primer Mix	None known.
	drMID 49-96 P5-09 Primer Mix	None known.
	drMID 49-96 P5-10 Primer Mix	None known.
	drMID 49-96 P5-11 Primer Mix	None known.
	drMID 49-96 P5-12 Primer Mix	None known.

### 5.2 Special hazards arising from the substance or mixture

<b>Specific hazards arising from the chemical</b>	:	drMID 1-48/49-96 Taq DNA pol.	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 1-48/49-96 Universal PCR Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 1-48/49-96 GS-labeling PCR Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 1-48/49-96 Read 1 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 1-48/49-96 Read 2 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 1-48/49-96 Index 1 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 1-48 49-96 Index 2 Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P7-09 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P7-10 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P7-11 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P7-12 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P7-13 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P7-14 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P7-15 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P7-16 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P5-07 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P5-08 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P5-09 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		drMID 49-96 P5-10 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.

## Section 5. Fire-fighting measures

### Hazardous thermal decomposition products

drMID 49-96 P5-11 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
drMID 49-96 P5-12 Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
: drMID 1-48/49-96 Taq DNA pol.	Decomposition products may include the following materials: carbon dioxide carbon monoxide
drMID 1-48/49-96 Universal PCR Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide
drMID 1-48/49-96 GS-labeling PCR Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide
drMID 1-48/49-96 Read 1 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 1-48/49-96 Read 2 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 1-48/49-96 Index 1 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 1-48 49-96 Index 2 Primer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P7-09 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P7-10 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P7-11 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides

## Section 5. Fire-fighting measures

drMID 49-96 P7-12 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P7-13 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P7-14 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P7-15 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P7-16 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P5-07 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P5-08 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P5-09 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P5-10 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
drMID 49-96 P5-11 Primer Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides

## Section 5. Fire-fighting measures

drMID 49-96 P5-12 Primer Mix	phosphorus oxides Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
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### 5.3 Advice for firefighters

#### Special protective actions for fire-fighters

: drMID 1-48/49-96 Taq DNA pol.	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 1-48/49-96 Universal PCR Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 1-48/49-96 GS-labeling PCR Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 1-48/49-96 Read 1 Primer Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 1-48/49-96 Read 2 Primer Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 1-48/49-96 Index 1 Primer Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 1-48 49-96 Index 2 Primer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 49-96 P7-09 Primer Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 49-96 P7-10 Primer Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 49-96 P7-11 Primer Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 49-96 P7-12 Primer Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 49-96 P7-13 Primer Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
drMID 49-96 P7-14 Primer Mix	Promptly isolate the scene by removing all persons

## Section 5. Fire-fighting measures

from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

drMID 49-96 P7-15 Primer Mix Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

drMID 49-96 P7-16 Primer Mix Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

drMID 49-96 P5-07 Primer Mix Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

drMID 49-96 P5-08 Primer Mix Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

drMID 49-96 P5-09 Primer Mix Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

drMID 49-96 P5-10 Primer Mix Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

drMID 49-96 P5-11 Primer Mix Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

drMID 49-96 P5-12 Primer Mix Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

### Special protective equipment for fire-fighters

: drMID 1-48/49-96 Taq DNA pol. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

drMID 1-48/49-96 Universal PCR Mix Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

drMID 1-48/49-96 GS-labeling PCR Mix Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

drMID 1-48/49-96 Read 1 Primer Mix Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

drMID 1-48/49-96 Read 2 Primer Mix Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

drMID 1-48/49-96 Index 1 Primer Mix Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 5. Fire-fighting measures

drMID 1-48 49-96 Index 2 Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P7-09 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P7-10 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P7-11 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P7-12 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P7-13 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P7-14 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P7-15 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P7-16 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P5-07 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P5-08 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P5-09 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P5-10 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P5-11 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
drMID 49-96 P5-12 Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive

## Section 5. Fire-fighting measures

pressure mode.

## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

: drMID 1-48/49-96 Taq DNA pol.

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

drMID 1-48/49-96 Universal PCR Mix

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

drMID 1-48/49-96 GS-labeling PCR Mix

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

drMID 1-48/49-96 Read 1 Primer Mix

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

drMID 1-48/49-96 Read 2 Primer Mix

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

drMID 1-48/49-96 Index 1 Primer Mix

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

drMID 1-48 49-96 Index 2 Primer

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

drMID 49-96 P7-09 Primer Mix

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

drMID 49-96 P7-10 Primer Mix

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and

## Section 6. Accidental release measures

drMID 49-96 P7-11 Primer Mix	<p>unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.</p>
drMID 49-96 P7-12 Primer Mix	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.</p>
drMID 49-96 P7-13 Primer Mix	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.</p>
drMID 49-96 P7-14 Primer Mix	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.</p>
drMID 49-96 P7-15 Primer Mix	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.</p>
drMID 49-96 P7-16 Primer Mix	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.</p>
drMID 49-96 P5-07 Primer Mix	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.</p>
drMID 49-96 P5-08 Primer Mix	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.</p>
drMID 49-96 P5-09 Primer Mix	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.</p>
drMID 49-96 P5-10 Primer Mix	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate</p>



## Section 6. Accidental release measures

drMID 49-96 P5-11 Primer Mix	surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
drMID 49-96 P5-12 Primer Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
<b>For emergency responders :</b> drMID 1-48/49-96 Taq DNA pol.	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
drMID 1-48/49-96 Universal PCR Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
drMID 1-48/49-96 GS-labeling PCR Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
drMID 1-48/49-96 Read 1 Primer Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
drMID 1-48/49-96 Read 2 Primer Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
drMID 1-48/49-96 Index 1 Primer Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
drMID 1-48 49-96 Index 2 Primer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
drMID 49-96 P7-09 Primer Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
drMID 49-96 P7-10 Primer Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
drMID 49-96 P7-11 Primer Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
drMID 49-96 P7-12 Primer Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also

## Section 6. Accidental release measures

	<p>drMID 49-96 P7-13 Primer Mix</p> <p>drMID 49-96 P7-14 Primer Mix</p> <p>drMID 49-96 P7-15 Primer Mix</p> <p>drMID 49-96 P7-16 Primer Mix</p> <p>drMID 49-96 P5-07 Primer Mix</p> <p>drMID 49-96 P5-08 Primer Mix</p> <p>drMID 49-96 P5-09 Primer Mix</p> <p>drMID 49-96 P5-10 Primer Mix</p> <p>drMID 49-96 P5-11 Primer Mix</p> <p>drMID 49-96 P5-12 Primer Mix</p>	<p>the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p>
<p><b>6.2 Environmental precautions</b></p>	<p>: drMID 1-48/49-96 Taq DNA pol.</p> <p>drMID 1-48/49-96 Universal PCR Mix</p> <p>drMID 1-48/49-96 GS-labeling PCR Mix</p> <p>drMID 1-48/49-96 Read 1 Primer Mix</p>	<p>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</p> <p>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</p> <p>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</p> <p>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.</p>

## Section 6. Accidental release measures

	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 1-48/49-96 Read 2 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 1-48/49-96 Index 1 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 1-48 49-96 Index 2 Primer	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P7-09 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P7-10 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P7-11 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P7-12 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P7-13 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P7-14 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P7-15 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P7-16 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P5-07 Primer Mix	Avoid dispersal of spilled material and runoff and

## Section 6. Accidental release measures

	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P5-08 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P5-09 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P5-10 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P5-11 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
drMID 49-96 P5-12 Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and materials for containment and cleaning up

**Methods for cleaning up** : drMID 1-48/49-96 Taq DNA pol.

	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 1-48/49-96 Universal PCR Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 1-48/49-96 GS-labeling PCR Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 1-48/49-96 Read 1 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 1-48/49-96 Read 2 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an

## Section 6. Accidental release measures

	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 1-48/49-96 Index 1 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 1-48 49-96 Index 2 Primer	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P7-09 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P7-10 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P7-11 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P7-12 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P7-13 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P7-14 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P7-15 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P7-16 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble.

## Section 6. Accidental release measures

	Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P5-07 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P5-08 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P5-09 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P5-10 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P5-11 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
drMID 49-96 P5-12 Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling

<b>Protective measures</b>	:	drMID 1-48/49-96 Taq DNA pol.	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
		drMID 1-48/49-96 Universal PCR Mix	Put on appropriate personal protective equipment (see Section 8).
		drMID 1-48/49-96 GS-labeling PCR Mix	Put on appropriate personal protective equipment (see Section 8).
		drMID 1-48/49-96 Read 1 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
		drMID 1-48/49-96 Read 2 Primer	Put on appropriate personal protective equipment

## Section 7. Handling and storage

Mix	(see Section 8).
drMID 1-48/49-96 Index 1 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 1-48 49-96 Index 2 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P7-09 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P7-10 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P7-11 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P7-12 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P7-13 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P7-14 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P7-15 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P7-16 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P5-07 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P5-08 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P5-09 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P5-10 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P5-11 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
drMID 49-96 P5-12 Primer Mix	Put on appropriate personal protective equipment (see Section 8).
<b>Advice on general occupational hygiene</b>	
: drMID 1-48/49-96 Taq DNA pol.	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
drMID 1-48/49-96 Universal PCR Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
drMID 1-48/49-96 GS-labeling PCR Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
drMID 1-48/49-96 Read 1 Primer Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment

## Section 7. Handling and storage

drMID 1-48/49-96 Read 2 Primer Mix	before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
drMID 1-48/49-96 Index 1 Primer Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
drMID 1-48 49-96 Index 2 Primer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
drMID 49-96 P7-09 Primer Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
drMID 49-96 P7-10 Primer Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
drMID 49-96 P7-11 Primer Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
drMID 49-96 P7-12 Primer Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
drMID 49-96 P7-13 Primer Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
drMID 49-96 P7-14 Primer Mix	Eating, drinking and smoking should be prohibited



## Section 7. Handling and storage

drMID 49-96 P7-15 Primer Mix

in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

drMID 49-96 P7-16 Primer Mix

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

drMID 49-96 P5-07 Primer Mix

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

drMID 49-96 P5-08 Primer Mix

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

drMID 49-96 P5-09 Primer Mix

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

drMID 49-96 P5-10 Primer Mix

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

drMID 49-96 P5-11 Primer Mix

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

drMID 49-96 P5-12 Primer Mix

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove

## Section 7. Handling and storage

### 7.2 Conditions for safe storage, including any incompatibilities

: drMID 1-48/49-96 Taq DNA pol.

contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

drMID 1-48/49-96 Universal PCR Mix

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

drMID 1-48/49-96 GS-labeling PCR Mix

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

drMID 1-48/49-96 Read 1 Primer Mix

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

drMID 1-48/49-96 Read 2 Primer Mix

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 7. Handling and storage

drMID 1-48/49-96 Index 1 Primer Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
drMID 1-48 49-96 Index 2 Primer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
drMID 49-96 P7-09 Primer Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
drMID 49-96 P7-10 Primer Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
drMID 49-96 P7-11 Primer Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
drMID 49-96 P7-12 Primer Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food

## Section 7. Handling and storage

drMID 49-96 P7-13 Primer Mix	<p>and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
drMID 49-96 P7-14 Primer Mix	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
drMID 49-96 P7-15 Primer Mix	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
drMID 49-96 P7-16 Primer Mix	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
drMID 49-96 P5-07 Primer Mix	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled</p>

## Section 7. Handling and storage

drMID 49-96 P5-08 Primer Mix

containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

drMID 49-96 P5-09 Primer Mix

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

drMID 49-96 P5-10 Primer Mix

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

drMID 49-96 P5-11 Primer Mix

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

drMID 49-96 P5-12 Primer Mix

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 7. Handling and storage

### 7.3 Specific end use(s)

#### Recommendations

: drMID 1-48/49-96 Taq DNA pol.	Industrial applications, Professional applications.
drMID 1-48/49-96 Universal PCR Mix	Industrial applications, Professional applications.
drMID 1-48/49-96 GS-labeling PCR Mix	Industrial applications, Professional applications.
drMID 1-48/49-96 Read 1 Primer Mix	Industrial applications, Professional applications.
drMID 1-48/49-96 Read 2 Primer Mix	Industrial applications, Professional applications.
drMID 1-48/49-96 Index 1 Primer Mix	Industrial applications, Professional applications.
drMID 1-48 49-96 Index 2 Primer	Industrial applications, Professional applications.
drMID 49-96 P7-09 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P7-10 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P7-11 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P7-12 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P7-13 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P7-14 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P7-15 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P7-16 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P5-07 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P5-08 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P5-09 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P5-10 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P5-11 Primer Mix	Industrial applications, Professional applications.
drMID 49-96 P5-12 Primer Mix	Industrial applications, Professional applications.

#### Industrial sector specific solutions

: drMID 1-48/49-96 Taq DNA pol.	Not applicable.
drMID 1-48/49-96 Universal PCR Mix	Not applicable.
drMID 1-48/49-96 GS-labeling PCR Mix	Not applicable.
drMID 1-48/49-96 Read 1 Primer Mix	Not applicable.
drMID 1-48/49-96 Read 2 Primer Mix	Not applicable.
drMID 1-48/49-96 Index 1 Primer Mix	Not applicable.
drMID 1-48 49-96 Index 2 Primer	Not applicable.
drMID 49-96 P7-09 Primer Mix	Not applicable.
drMID 49-96 P7-10 Primer Mix	Not applicable.
drMID 49-96 P7-11 Primer Mix	Not applicable.
drMID 49-96 P7-12 Primer Mix	Not applicable.
drMID 49-96 P7-13 Primer Mix	Not applicable.
drMID 49-96 P7-14 Primer Mix	Not applicable.
drMID 49-96 P7-15 Primer Mix	Not applicable.
drMID 49-96 P7-16 Primer Mix	Not applicable.
drMID 49-96 P5-07 Primer Mix	Not applicable.
drMID 49-96 P5-08 Primer Mix	Not applicable.
drMID 49-96 P5-09 Primer Mix	Not applicable.
drMID 49-96 P5-10 Primer Mix	Not applicable.
drMID 49-96 P5-11 Primer Mix	Not applicable.
drMID 49-96 P5-12 Primer Mix	Not applicable.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
drMID 1-48/49-96 Taq DNA pol. Glycerol	<p><b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction</p> <p>TWA: 10 mg/m<sup>3</sup> 8 hours. Form: Total dust</p> <p><b>OSHA PEL (United States, 6/2016).</b> TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction</p> <p>TWA: 15 mg/m<sup>3</sup> 8 hours. Form: Total dust</p>

### 8.2 Exposure controls

#### Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### Individual protection measures

##### Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

##### Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

#### Skin protection

##### Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

##### Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

##### Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

##### Respiratory protection

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### [9.1 Information on basic physical and chemical properties](#)

#### Appearance

<b>Physical state</b>	:	drMID 1-48/49-96 Taq DNA pol.	Liquid. [Clear. / solution]
		drMID 1-48/49-96 Universal PCR Mix	Liquid.
		drMID 1-48/49-96 GS-labeling PCR Mix	Liquid.
		drMID 1-48/49-96 Read 1 Primer Mix	Liquid.
		drMID 1-48/49-96 Read 2 Primer Mix	Liquid.
		drMID 1-48/49-96 Index 1 Primer Mix	Liquid.
		drMID 1-48 49-96 Index 2 Primer	Liquid.
		drMID 49-96 P7-09 Primer Mix	Liquid.
		drMID 49-96 P7-10 Primer Mix	Liquid.
		drMID 49-96 P7-11 Primer Mix	Liquid.
		drMID 49-96 P7-12 Primer Mix	Liquid.
		drMID 49-96 P7-13 Primer Mix	Liquid.
		drMID 49-96 P7-14 Primer Mix	Liquid.
		drMID 49-96 P7-15 Primer Mix	Liquid.
		drMID 49-96 P7-16 Primer Mix	Liquid.
		drMID 49-96 P5-07 Primer Mix	Liquid.
		drMID 49-96 P5-08 Primer Mix	Liquid.
		drMID 49-96 P5-09 Primer Mix	Liquid.
		drMID 49-96 P5-10 Primer Mix	Liquid.
		drMID 49-96 P5-11 Primer Mix	Liquid.
		drMID 49-96 P5-12 Primer Mix	Liquid.
<b>Color</b>	:	drMID 1-48/49-96 Taq DNA pol.	Colorless.
		drMID 1-48/49-96 Universal PCR Mix	Not available.
		drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
		drMID 1-48/49-96 Read 1 Primer Mix	Not available.
		drMID 1-48/49-96 Read 2 Primer Mix	Not available.
		drMID 1-48/49-96 Index 1 Primer Mix	Not available.
		drMID 1-48 49-96 Index 2 Primer	Not available.
		drMID 49-96 P7-09 Primer Mix	Not available.
		drMID 49-96 P7-10 Primer Mix	Not available.
		drMID 49-96 P7-11 Primer Mix	Not available.
		drMID 49-96 P7-12 Primer Mix	Not available.
		drMID 49-96 P7-13 Primer Mix	Not available.
		drMID 49-96 P7-14 Primer Mix	Not available.
		drMID 49-96 P7-15 Primer Mix	Not available.
		drMID 49-96 P7-16 Primer Mix	Not available.
		drMID 49-96 P5-07 Primer Mix	Not available.
		drMID 49-96 P5-08 Primer Mix	Not available.
		drMID 49-96 P5-09 Primer Mix	Not available.
		drMID 49-96 P5-10 Primer Mix	Not available.
		drMID 49-96 P5-11 Primer Mix	Not available.
		drMID 49-96 P5-12 Primer Mix	Not available.



## Section 9. Physical and chemical properties

<b>Odor</b>	:	drMID 1-48/49-96 Taq DNA pol.	Not available.
		drMID 1-48/49-96 Universal PCR Mix	Not available.
		drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
		drMID 1-48/49-96 Read 1 Primer Mix	Not available.
		drMID 1-48/49-96 Read 2 Primer Mix	Not available.
		drMID 1-48/49-96 Index 1 Primer Mix	Not available.
		drMID 1-48 49-96 Index 2 Primer	Not available.
		drMID 49-96 P7-09 Primer Mix	Not available.
		drMID 49-96 P7-10 Primer Mix	Not available.
		drMID 49-96 P7-11 Primer Mix	Not available.
		drMID 49-96 P7-12 Primer Mix	Not available.
		drMID 49-96 P7-13 Primer Mix	Not available.
		drMID 49-96 P7-14 Primer Mix	Not available.
		drMID 49-96 P7-15 Primer Mix	Not available.
		drMID 49-96 P7-16 Primer Mix	Not available.
		drMID 49-96 P5-07 Primer Mix	Not available.
		drMID 49-96 P5-08 Primer Mix	Not available.
		drMID 49-96 P5-09 Primer Mix	Not available.
		drMID 49-96 P5-10 Primer Mix	Not available.
		drMID 49-96 P5-11 Primer Mix	Not available.
		drMID 49-96 P5-12 Primer Mix	Not available.
<b>Odor threshold</b>	:	drMID 1-48/49-96 Taq DNA pol.	Not available.
		drMID 1-48/49-96 Universal PCR Mix	Not available.
		drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
		drMID 1-48/49-96 Read 1 Primer Mix	Not available.
		drMID 1-48/49-96 Read 2 Primer Mix	Not available.
		drMID 1-48/49-96 Index 1 Primer Mix	Not available.
		drMID 1-48 49-96 Index 2 Primer	Not available.
		drMID 49-96 P7-09 Primer Mix	Not available.
		drMID 49-96 P7-10 Primer Mix	Not available.
		drMID 49-96 P7-11 Primer Mix	Not available.
		drMID 49-96 P7-12 Primer Mix	Not available.
		drMID 49-96 P7-13 Primer Mix	Not available.
		drMID 49-96 P7-14 Primer Mix	Not available.
		drMID 49-96 P7-15 Primer Mix	Not available.
		drMID 49-96 P7-16 Primer Mix	Not available.
		drMID 49-96 P5-07 Primer Mix	Not available.
		drMID 49-96 P5-08 Primer Mix	Not available.
		drMID 49-96 P5-09 Primer Mix	Not available.
		drMID 49-96 P5-10 Primer Mix	Not available.
		drMID 49-96 P5-11 Primer Mix	Not available.
		drMID 49-96 P5-12 Primer Mix	Not available.
<b>pH</b>	:		

## Section 9. Physical and chemical properties

	drMID 1-48/49-96 Taq DNA pol.	Not available.
	drMID 1-48/49-96 Universal PCR Mix	Not available.
	drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
	drMID 1-48/49-96 Read 1 Primer Mix	Not available.
	drMID 1-48/49-96 Read 2 Primer Mix	Not available.
	drMID 1-48/49-96 Index 1 Primer Mix	Not available.
	drMID 1-48 49-96 Index 2 Primer	Not available.
	drMID 49-96 P7-09 Primer Mix	Not available.
	drMID 49-96 P7-10 Primer Mix	Not available.
	drMID 49-96 P7-11 Primer Mix	Not available.
	drMID 49-96 P7-12 Primer Mix	Not available.
	drMID 49-96 P7-13 Primer Mix	Not available.
	drMID 49-96 P7-14 Primer Mix	Not available.
	drMID 49-96 P7-15 Primer Mix	Not available.
	drMID 49-96 P7-16 Primer Mix	Not available.
	drMID 49-96 P5-07 Primer Mix	Not available.
	drMID 49-96 P5-08 Primer Mix	Not available.
	drMID 49-96 P5-09 Primer Mix	Not available.
	drMID 49-96 P5-10 Primer Mix	Not available.
	drMID 49-96 P5-11 Primer Mix	Not available.
	drMID 49-96 P5-12 Primer Mix	Not available.
<b>Melting point</b>	: drMID 1-48/49-96 Taq DNA pol.	Not available.
	drMID 1-48/49-96 Universal PCR Mix	Not available.
	drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
	drMID 1-48/49-96 Read 1 Primer Mix	Not available.
	drMID 1-48/49-96 Read 2 Primer Mix	Not available.
	drMID 1-48/49-96 Index 1 Primer Mix	Not available.
	drMID 1-48 49-96 Index 2 Primer	Not available.
	drMID 49-96 P7-09 Primer Mix	Not available.
	drMID 49-96 P7-10 Primer Mix	Not available.
	drMID 49-96 P7-11 Primer Mix	Not available.
	drMID 49-96 P7-12 Primer Mix	Not available.
	drMID 49-96 P7-13 Primer Mix	Not available.
	drMID 49-96 P7-14 Primer Mix	Not available.
	drMID 49-96 P7-15 Primer Mix	Not available.
	drMID 49-96 P7-16 Primer Mix	Not available.
	drMID 49-96 P5-07 Primer Mix	Not available.
	drMID 49-96 P5-08 Primer Mix	Not available.
	drMID 49-96 P5-09 Primer Mix	Not available.
	drMID 49-96 P5-10 Primer Mix	Not available.
	drMID 49-96 P5-11 Primer Mix	Not available.
	drMID 49-96 P5-12 Primer Mix	Not available.

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<b>Boiling point</b>	:	drMID 1-48/49-96 Taq DNA pol.	Not available.
		drMID 1-48/49-96 Universal PCR Mix	Not available.
		drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
		drMID 1-48/49-96 Read 1 Primer Mix	Not available.
		drMID 1-48/49-96 Read 2 Primer Mix	Not available.
		drMID 1-48/49-96 Index 1 Primer Mix	Not available.
		drMID 1-48 49-96 Index 2 Primer	Not available.
		drMID 49-96 P7-09 Primer Mix	Not available.
		drMID 49-96 P7-10 Primer Mix	Not available.
		drMID 49-96 P7-11 Primer Mix	Not available.
		drMID 49-96 P7-12 Primer Mix	Not available.
		drMID 49-96 P7-13 Primer Mix	Not available.
		drMID 49-96 P7-14 Primer Mix	Not available.
		drMID 49-96 P7-15 Primer Mix	Not available.
		drMID 49-96 P7-16 Primer Mix	Not available.
		drMID 49-96 P5-07 Primer Mix	Not available.
		drMID 49-96 P5-08 Primer Mix	Not available.
		drMID 49-96 P5-09 Primer Mix	Not available.
		drMID 49-96 P5-10 Primer Mix	Not available.
		drMID 49-96 P5-11 Primer Mix	Not available.
		drMID 49-96 P5-12 Primer Mix	Not available.
<b>Flash point</b>	:	drMID 1-48/49-96 Taq DNA pol.	Not available.
		drMID 1-48/49-96 Universal PCR Mix	Not available.
		drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
		drMID 1-48/49-96 Read 1 Primer Mix	Not available.
		drMID 1-48/49-96 Read 2 Primer Mix	Not available.
		drMID 1-48/49-96 Index 1 Primer Mix	Not available.
		drMID 1-48 49-96 Index 2 Primer	Not available.
		drMID 49-96 P7-09 Primer Mix	Not available.
		drMID 49-96 P7-10 Primer Mix	Not available.
		drMID 49-96 P7-11 Primer Mix	Not available.
		drMID 49-96 P7-12 Primer Mix	Not available.
		drMID 49-96 P7-13 Primer Mix	Not available.
		drMID 49-96 P7-14 Primer Mix	Not available.
		drMID 49-96 P7-15 Primer Mix	Not available.
		drMID 49-96 P7-16 Primer Mix	Not available.
		drMID 49-96 P5-07 Primer Mix	Not available.
		drMID 49-96 P5-08 Primer Mix	Not available.
		drMID 49-96 P5-09 Primer Mix	Not available.
		drMID 49-96 P5-10 Primer Mix	Not available.
		drMID 49-96 P5-11 Primer Mix	Not available.
		drMID 49-96 P5-12 Primer Mix	Not available.

## Section 9. Physical and chemical properties

<b>Evaporation rate</b>	:	drMID 1-48/49-96 Taq DNA pol.	Not available.
		drMID 1-48/49-96 Universal PCR Mix	Not available.
		drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
		drMID 1-48/49-96 Read 1 Primer Mix	Not available.
		drMID 1-48/49-96 Read 2 Primer Mix	Not available.
		drMID 1-48/49-96 Index 1 Primer Mix	Not available.
		drMID 1-48 49-96 Index 2 Primer	Not available.
		drMID 49-96 P7-09 Primer Mix	Not available.
		drMID 49-96 P7-10 Primer Mix	Not available.
		drMID 49-96 P7-11 Primer Mix	Not available.
		drMID 49-96 P7-12 Primer Mix	Not available.
		drMID 49-96 P7-13 Primer Mix	Not available.
		drMID 49-96 P7-14 Primer Mix	Not available.
		drMID 49-96 P7-15 Primer Mix	Not available.
		drMID 49-96 P7-16 Primer Mix	Not available.
		drMID 49-96 P5-07 Primer Mix	Not available.
		drMID 49-96 P5-08 Primer Mix	Not available.
		drMID 49-96 P5-09 Primer Mix	Not available.
		drMID 49-96 P5-10 Primer Mix	Not available.
		drMID 49-96 P5-11 Primer Mix	Not available.
		drMID 49-96 P5-12 Primer Mix	Not available.
<b>Flammability (solid, gas)</b>	:	drMID 1-48/49-96 Taq DNA pol.	Not applicable.
		drMID 1-48/49-96 Universal PCR Mix	Not applicable.
		drMID 1-48/49-96 GS-labeling PCR Mix	Not applicable.
		drMID 1-48/49-96 Read 1 Primer Mix	Not applicable.
		drMID 1-48/49-96 Read 2 Primer Mix	Not applicable.
		drMID 1-48/49-96 Index 1 Primer Mix	Not applicable.
		drMID 1-48 49-96 Index 2 Primer	Not applicable.
		drMID 49-96 P7-09 Primer Mix	Not applicable.
		drMID 49-96 P7-10 Primer Mix	Not applicable.
		drMID 49-96 P7-11 Primer Mix	Not applicable.
		drMID 49-96 P7-12 Primer Mix	Not applicable.
		drMID 49-96 P7-13 Primer Mix	Not applicable.
		drMID 49-96 P7-14 Primer Mix	Not applicable.
		drMID 49-96 P7-15 Primer Mix	Not applicable.
		drMID 49-96 P7-16 Primer Mix	Not applicable.
		drMID 49-96 P5-07 Primer Mix	Not applicable.
		drMID 49-96 P5-08 Primer Mix	Not applicable.
		drMID 49-96 P5-09 Primer Mix	Not applicable.
		drMID 49-96 P5-10 Primer Mix	Not applicable.
		drMID 49-96 P5-11 Primer Mix	Not applicable.
		drMID 49-96 P5-12 Primer Mix	Not applicable.

## Section 9. Physical and chemical properties

<b>Lower and upper explosive (flammable) limits</b>	:	drMID 1-48/49-96 Taq DNA pol.	Not available.	
		drMID 1-48/49-96 Universal PCR Mix	Not available.	
		drMID 1-48/49-96 GS-labeling PCR Mix	Not available.	
		drMID 1-48/49-96 Read 1 Primer Mix	Not available.	
		drMID 1-48/49-96 Read 2 Primer Mix	Not available.	
		drMID 1-48/49-96 Index 1 Primer Mix	Not available.	
		drMID 1-48 49-96 Index 2 Primer	Not available.	
		drMID 49-96 P7-09 Primer Mix	Not available.	
		drMID 49-96 P7-10 Primer Mix	Not available.	
		drMID 49-96 P7-11 Primer Mix	Not available.	
		drMID 49-96 P7-12 Primer Mix	Not available.	
		drMID 49-96 P7-13 Primer Mix	Not available.	
		drMID 49-96 P7-14 Primer Mix	Not available.	
		drMID 49-96 P7-15 Primer Mix	Not available.	
		drMID 49-96 P7-16 Primer Mix	Not available.	
		drMID 49-96 P5-07 Primer Mix	Not available.	
		drMID 49-96 P5-08 Primer Mix	Not available.	
		drMID 49-96 P5-09 Primer Mix	Not available.	
		drMID 49-96 P5-10 Primer Mix	Not available.	
		drMID 49-96 P5-11 Primer Mix	Not available.	
		drMID 49-96 P5-12 Primer Mix	Not available.	
	<b>Vapor pressure</b>	:	drMID 1-48/49-96 Taq DNA pol.	Not available.
			drMID 1-48/49-96 Universal PCR Mix	Not available.
			drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
			drMID 1-48/49-96 Read 1 Primer Mix	Not available.
			drMID 1-48/49-96 Read 2 Primer Mix	Not available.
			drMID 1-48/49-96 Index 1 Primer Mix	Not available.
		drMID 1-48 49-96 Index 2 Primer	Not available.	
		drMID 49-96 P7-09 Primer Mix	Not available.	
		drMID 49-96 P7-10 Primer Mix	Not available.	
		drMID 49-96 P7-11 Primer Mix	Not available.	
		drMID 49-96 P7-12 Primer Mix	Not available.	
		drMID 49-96 P7-13 Primer Mix	Not available.	
		drMID 49-96 P7-14 Primer Mix	Not available.	
		drMID 49-96 P7-15 Primer Mix	Not available.	
		drMID 49-96 P7-16 Primer Mix	Not available.	
		drMID 49-96 P5-07 Primer Mix	Not available.	
		drMID 49-96 P5-08 Primer Mix	Not available.	
		drMID 49-96 P5-09 Primer Mix	Not available.	
		drMID 49-96 P5-10 Primer Mix	Not available.	
		drMID 49-96 P5-11 Primer Mix	Not available.	
		drMID 49-96 P5-12 Primer Mix	Not available.	
<b>Vapor density</b>		:		

## Section 9. Physical and chemical properties

	drMID 1-48/49-96 Taq DNA pol.	Not available.
	drMID 1-48/49-96 Universal PCR Mix	Not available.
	drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
	drMID 1-48/49-96 Read 1 Primer Mix	Not available.
	drMID 1-48/49-96 Read 2 Primer Mix	Not available.
	drMID 1-48/49-96 Index 1 Primer Mix	Not available.
	drMID 1-48 49-96 Index 2 Primer	Not available.
	drMID 49-96 P7-09 Primer Mix	Not available.
	drMID 49-96 P7-10 Primer Mix	Not available.
	drMID 49-96 P7-11 Primer Mix	Not available.
	drMID 49-96 P7-12 Primer Mix	Not available.
	drMID 49-96 P7-13 Primer Mix	Not available.
	drMID 49-96 P7-14 Primer Mix	Not available.
	drMID 49-96 P7-15 Primer Mix	Not available.
	drMID 49-96 P7-16 Primer Mix	Not available.
	drMID 49-96 P5-07 Primer Mix	Not available.
	drMID 49-96 P5-08 Primer Mix	Not available.
	drMID 49-96 P5-09 Primer Mix	Not available.
	drMID 49-96 P5-10 Primer Mix	Not available.
	drMID 49-96 P5-11 Primer Mix	Not available.
	drMID 49-96 P5-12 Primer Mix	Not available.
<b>Relative density</b>	: drMID 1-48/49-96 Taq DNA pol.	Not available.
	drMID 1-48/49-96 Universal PCR Mix	Not available.
	drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
	drMID 1-48/49-96 Read 1 Primer Mix	Not available.
	drMID 1-48/49-96 Read 2 Primer Mix	Not available.
	drMID 1-48/49-96 Index 1 Primer Mix	Not available.
	drMID 1-48 49-96 Index 2 Primer	Not available.
	drMID 49-96 P7-09 Primer Mix	Not available.
	drMID 49-96 P7-10 Primer Mix	Not available.
	drMID 49-96 P7-11 Primer Mix	Not available.
	drMID 49-96 P7-12 Primer Mix	Not available.
	drMID 49-96 P7-13 Primer Mix	Not available.
	drMID 49-96 P7-14 Primer Mix	Not available.
	drMID 49-96 P7-15 Primer Mix	Not available.
	drMID 49-96 P7-16 Primer Mix	Not available.
	drMID 49-96 P5-07 Primer Mix	Not available.
	drMID 49-96 P5-08 Primer Mix	Not available.
	drMID 49-96 P5-09 Primer Mix	Not available.
	drMID 49-96 P5-10 Primer Mix	Not available.
	drMID 49-96 P5-11 Primer Mix	Not available.
	drMID 49-96 P5-12 Primer Mix	Not available.

## Section 9. Physical and chemical properties

<b>Solubility</b>	:	drMID 1-48/49-96 Taq DNA pol.	Not available.
		drMID 1-48/49-96 Universal PCR Mix	Not available.
		drMID 1-48/49-96 GS-labeling PCR Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 1-48/49-96 Read 1 Primer Mix	Soluble in the following materials: cold water and hot water.
		drMID 1-48/49-96 Read 2 Primer Mix	Soluble in the following materials: cold water and hot water.
		drMID 1-48/49-96 Index 1 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 1-48 49-96 Index 2 Primer	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P7-09 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P7-10 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P7-11 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P7-12 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P7-13 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P7-14 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P7-15 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P7-16 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P5-07 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P5-08 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P5-09 Primer Mix	Easily soluble in the following materials: cold water and hot water.
		drMID 49-96 P5-10 Primer Mix	Easily soluble in the following materials: cold water and hot water.
	drMID 49-96 P5-11 Primer Mix	Easily soluble in the following materials: cold water and hot water.	
	drMID 49-96 P5-12 Primer Mix	Easily soluble in the following materials: cold water and hot water.	
<b>Partition coefficient: n-octanol/water</b>	:	drMID 1-48/49-96 Taq DNA pol.	Not available.
		drMID 1-48/49-96 Universal PCR Mix	Not available.
		drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
		drMID 1-48/49-96 Read 1 Primer Mix	Not available.
		drMID 1-48/49-96 Read 2 Primer Mix	Not available.
		drMID 1-48/49-96 Index 1 Primer Mix	Not available.
		drMID 1-48 49-96 Index 2 Primer	Not available.
		drMID 49-96 P7-09 Primer Mix	Not available.
		drMID 49-96 P7-10 Primer Mix	Not available.
		drMID 49-96 P7-11 Primer Mix	Not available.
		drMID 49-96 P7-12 Primer Mix	Not available.
		drMID 49-96 P7-13 Primer Mix	Not available.

## Section 9. Physical and chemical properties

	drMID 49-96 P7-14 Primer Mix	Not available.
	drMID 49-96 P7-15 Primer Mix	Not available.
	drMID 49-96 P7-16 Primer Mix	Not available.
	drMID 49-96 P5-07 Primer Mix	Not available.
	drMID 49-96 P5-08 Primer Mix	Not available.
	drMID 49-96 P5-09 Primer Mix	Not available.
	drMID 49-96 P5-10 Primer Mix	Not available.
	drMID 49-96 P5-11 Primer Mix	Not available.
	drMID 49-96 P5-12 Primer Mix	Not available.
<b>Auto-ignition temperature</b>	: drMID 1-48/49-96 Taq DNA pol.	Not available.
	drMID 1-48/49-96 Universal PCR Mix	Not available.
	drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
	drMID 1-48/49-96 Read 1 Primer Mix	Not available.
	drMID 1-48/49-96 Read 2 Primer Mix	Not available.
	drMID 1-48/49-96 Index 1 Primer Mix	Not available.
	drMID 1-48 49-96 Index 2 Primer	Not available.
	drMID 49-96 P7-09 Primer Mix	Not available.
	drMID 49-96 P7-10 Primer Mix	Not available.
	drMID 49-96 P7-11 Primer Mix	Not available.
	drMID 49-96 P7-12 Primer Mix	Not available.
	drMID 49-96 P7-13 Primer Mix	Not available.
	drMID 49-96 P7-14 Primer Mix	Not available.
	drMID 49-96 P7-15 Primer Mix	Not available.
	drMID 49-96 P7-16 Primer Mix	Not available.
	drMID 49-96 P5-07 Primer Mix	Not available.
	drMID 49-96 P5-08 Primer Mix	Not available.
	drMID 49-96 P5-09 Primer Mix	Not available.
	drMID 49-96 P5-10 Primer Mix	Not available.
	drMID 49-96 P5-11 Primer Mix	Not available.
	drMID 49-96 P5-12 Primer Mix	Not available.
<b>Decomposition temperature</b>	: drMID 1-48/49-96 Taq DNA pol.	Not available.
	drMID 1-48/49-96 Universal PCR Mix	Not available.
	drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
	drMID 1-48/49-96 Read 1 Primer Mix	Not available.
	drMID 1-48/49-96 Read 2 Primer Mix	Not available.
	drMID 1-48/49-96 Index 1 Primer Mix	Not available.
	drMID 1-48 49-96 Index 2 Primer	Not available.
	drMID 49-96 P7-09 Primer Mix	Not available.
	drMID 49-96 P7-10 Primer Mix	Not available.
	drMID 49-96 P7-11 Primer Mix	Not available.
	drMID 49-96 P7-12 Primer Mix	Not available.
	drMID 49-96 P7-13 Primer Mix	Not available.
	drMID 49-96 P7-14 Primer Mix	Not available.
	drMID 49-96 P7-15 Primer Mix	Not available.
	drMID 49-96 P7-16 Primer Mix	Not available.
	drMID 49-96 P5-07 Primer Mix	Not available.
	drMID 49-96 P5-08 Primer Mix	Not available.
	drMID 49-96 P5-09 Primer Mix	Not available.
	drMID 49-96 P5-10 Primer Mix	Not available.



## Section 9. Physical and chemical properties

### Viscosity

drMID 49-96 P5-11 Primer Mix	Not available.
drMID 49-96 P5-12 Primer Mix	Not available.
: drMID 1-48/49-96 Taq DNA pol.	Not available.
drMID 1-48/49-96 Universal PCR Mix	Not available.
drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
drMID 1-48/49-96 Read 1 Primer Mix	Not available.
drMID 1-48/49-96 Read 2 Primer Mix	Not available.
drMID 1-48/49-96 Index 1 Primer Mix	Not available.
drMID 1-48 49-96 Index 2 Primer Mix	Not available.
drMID 49-96 P7-09 Primer Mix	Not available.
drMID 49-96 P7-10 Primer Mix	Not available.
drMID 49-96 P7-11 Primer Mix	Not available.
drMID 49-96 P7-12 Primer Mix	Not available.
drMID 49-96 P7-13 Primer Mix	Not available.
drMID 49-96 P7-14 Primer Mix	Not available.
drMID 49-96 P7-15 Primer Mix	Not available.
drMID 49-96 P7-16 Primer Mix	Not available.
drMID 49-96 P5-07 Primer Mix	Not available.
drMID 49-96 P5-08 Primer Mix	Not available.
drMID 49-96 P5-09 Primer Mix	Not available.
drMID 49-96 P5-10 Primer Mix	Not available.
drMID 49-96 P5-11 Primer Mix	Not available.
drMID 49-96 P5-12 Primer Mix	Not available.

## Section 10. Stability and reactivity

### 10.1 Reactivity

: drMID 1-48/49-96 Taq DNA pol.	No specific test data related to reactivity available for this product or its ingredients.
drMID 1-48/49-96 Universal PCR Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 1-48/49-96 GS-labeling PCR Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 1-48/49-96 Read 1 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 1-48/49-96 Read 2 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 1-48/49-96 Index 1 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 1-48 49-96 Index 2 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P7-09 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P7-10 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P7-11 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P7-12 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P7-13 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P7-14 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P7-15 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.

## Section 10. Stability and reactivity

drMID 49-96 P7-16 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P5-07 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P5-08 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P5-09 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P5-10 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P5-11 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.
drMID 49-96 P5-12 Primer Mix	No specific test data related to reactivity available for this product or its ingredients.

### 10.2 Chemical stability

drMID 1-48/49-96 Taq DNA pol.	The product is stable.
drMID 1-48/49-96 Universal PCR Mix	The product is stable.
drMID 1-48/49-96 GS-labeling PCR Mix	The product is stable.
drMID 1-48/49-96 Read 1 Primer Mix	The product is stable.
drMID 1-48/49-96 Read 2 Primer Mix	The product is stable.
drMID 1-48/49-96 Index 1 Primer Mix	The product is stable.
drMID 1-48 49-96 Index 2 Primer	The product is stable.
drMID 49-96 P7-09 Primer Mix	The product is stable.
drMID 49-96 P7-10 Primer Mix	The product is stable.
drMID 49-96 P7-11 Primer Mix	The product is stable.
drMID 49-96 P7-12 Primer Mix	The product is stable.
drMID 49-96 P7-13 Primer Mix	The product is stable.
drMID 49-96 P7-14 Primer Mix	The product is stable.
drMID 49-96 P7-15 Primer Mix	The product is stable.
drMID 49-96 P7-16 Primer Mix	The product is stable.
drMID 49-96 P5-07 Primer Mix	The product is stable.
drMID 49-96 P5-08 Primer Mix	The product is stable.
drMID 49-96 P5-09 Primer Mix	The product is stable.
drMID 49-96 P5-10 Primer Mix	The product is stable.
drMID 49-96 P5-11 Primer Mix	The product is stable.
drMID 49-96 P5-12 Primer Mix	The product is stable.

### 10.3 Possibility of hazardous reactions

drMID 1-48/49-96 Taq DNA pol.	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 1-48/49-96 Universal PCR Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 1-48/49-96 GS-labeling PCR Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 1-48/49-96 Read 1 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 1-48/49-96 Read 2 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 1-48/49-96 Index 1 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 1-48 49-96 Index 2 Primer	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P7-09 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.

## Section 10. Stability and reactivity

drMID 49-96 P7-10 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P7-11 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P7-12 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P7-13 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P7-14 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P7-15 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P7-16 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P5-07 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P5-08 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P5-09 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P5-10 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P5-11 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
drMID 49-96 P5-12 Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur.

<b>10.4 Conditions to avoid</b>	:	drMID 1-48/49-96 Taq DNA pol.	No specific data.
		drMID 1-48/49-96 Universal PCR Mix	No specific data.
		drMID 1-48/49-96 GS-labeling PCR Mix	No specific data.
		drMID 1-48/49-96 Read 1 Primer Mix	No specific data.
		drMID 1-48/49-96 Read 2 Primer Mix	No specific data.
		drMID 1-48/49-96 Index 1 Primer Mix	No specific data.
		drMID 1-48 49-96 Index 2 Primer	No specific data.
		drMID 49-96 P7-09 Primer Mix	No specific data.
		drMID 49-96 P7-10 Primer Mix	No specific data.
		drMID 49-96 P7-11 Primer Mix	No specific data.
		drMID 49-96 P7-12 Primer Mix	No specific data.
		drMID 49-96 P7-13 Primer Mix	No specific data.
		drMID 49-96 P7-14 Primer Mix	No specific data.
		drMID 49-96 P7-15 Primer Mix	No specific data.
		drMID 49-96 P7-16 Primer Mix	No specific data.
		drMID 49-96 P5-07 Primer Mix	No specific data.
	drMID 49-96 P5-08 Primer Mix	No specific data.	
	drMID 49-96 P5-09 Primer Mix	No specific data.	
	drMID 49-96 P5-10 Primer Mix	No specific data.	
	drMID 49-96 P5-11 Primer Mix	No specific data.	
	drMID 49-96 P5-12 Primer Mix	No specific data.	

## Section 10. Stability and reactivity

<b>10.5 Incompatible materials</b>	:	drMID 1-48/49-96 Taq DNA pol.	May react or be incompatible with oxidizing materials.
		drMID 1-48/49-96 Universal PCR Mix	May react or be incompatible with oxidizing materials.
		drMID 1-48/49-96 GS-labeling PCR Mix	May react or be incompatible with oxidizing materials.
		drMID 1-48/49-96 Read 1 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 1-48/49-96 Read 2 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 1-48/49-96 Index 1 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 1-48 49-96 Index 2 Primer	May react or be incompatible with oxidizing materials.
		drMID 49-96 P7-09 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P7-10 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P7-11 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P7-12 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P7-13 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P7-14 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P7-15 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P7-16 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P5-07 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P5-08 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P5-09 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P5-10 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P5-11 Primer Mix	May react or be incompatible with oxidizing materials.
		drMID 49-96 P5-12 Primer Mix	May react or be incompatible with oxidizing materials.
<b>10.6 Hazardous decomposition products</b>	:	drMID 1-48/49-96 Taq DNA pol.	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
		drMID 1-48/49-96 Universal PCR Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
		drMID 1-48/49-96 GS-labeling PCR Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
		drMID 1-48/49-96 Read 1 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
		drMID 1-48/49-96 Read 2 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 10. Stability and reactivity

drMID 1-48/49-96 Index 1 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 1-48 49-96 Index 2 Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P7-09 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P7-10 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P7-11 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P7-12 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P7-13 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P7-14 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P7-15 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P7-16 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P5-07 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P5-08 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P5-09 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P5-10 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P5-11 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
drMID 49-96 P5-12 Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### [11.1 Information on toxicological effects](#)

#### [Acute toxicity](#)

Product/ingredient name	Result	Species	Dose	Exposure
drMID 1-48/49-96 Taq DNA pol. Glycerol	LD50 Oral	Rat	12600 mg/kg	-

## Section 11. Toxicological information

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
drMID 1-48/49-96 Taq DNA pol. Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

### Sensitization

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

### **Information on the likely routes of exposure**

drMID 1-48/49-96 Taq DNA pol.	Routes of entry anticipated: Oral, Dermal, Inhalation.
drMID 1-48/49-96 Universal PCR Mix	Not available.
drMID 1-48/49-96 GS-labeling PCR Mix	Not available.
drMID 1-48/49-96 Read 1 Primer Mix	Not available.
drMID 1-48/49-96 Read 2 Primer Mix	Not available.
drMID 1-48/49-96 Index 1 Primer Mix	Not available.
drMID 1-48 49-96 Index 2 Primer	Not available.
drMID 49-96 P7-09 Primer Mix	Not available.
drMID 49-96 P7-10 Primer Mix	Not available.
drMID 49-96 P7-11 Primer Mix	Not available.
drMID 49-96 P7-12 Primer Mix	Not available.
drMID 49-96 P7-13 Primer Mix	Not available.
drMID 49-96 P7-14 Primer Mix	Not available.
drMID 49-96 P7-15 Primer Mix	Not available.
drMID 49-96 P7-16 Primer Mix	Not available.
drMID 49-96 P5-07 Primer Mix	Not available.
drMID 49-96 P5-08 Primer Mix	Not available.
drMID 49-96 P5-09 Primer Mix	Not available.

## Section 11. Toxicological information

drMID 49-96 P5-10 Primer Mix Not available.  
 drMID 49-96 P5-11 Primer Mix Not available.  
 drMID 49-96 P5-12 Primer Mix Not available.

### Potential acute health effects

#### Eye contact

: drMID 1-48/49-96 Taq DNA pol. Causes eye irritation.  
 drMID 1-48/49-96 Universal PCR No known significant effects or critical hazards.  
 Mix  
 drMID 1-48/49-96 GS-labeling No known significant effects or critical hazards.  
 PCR Mix  
 drMID 1-48/49-96 Read 1 Primer No known significant effects or critical hazards.  
 Mix  
 drMID 1-48/49-96 Read 2 Primer No known significant effects or critical hazards.  
 Mix  
 drMID 1-48/49-96 Index 1 Primer No known significant effects or critical hazards.  
 Mix  
 drMID 1-48 49-96 Index 2 Primer No known significant effects or critical hazards.  
 drMID 49-96 P7-09 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-10 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-11 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-12 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-13 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-14 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-15 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-16 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-07 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-08 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-09 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-10 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-11 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-12 Primer Mix No known significant effects or critical hazards.

#### Inhalation

: drMID 1-48/49-96 Taq DNA pol. No known significant effects or critical hazards.  
 drMID 1-48/49-96 Universal PCR No known significant effects or critical hazards.  
 Mix  
 drMID 1-48/49-96 GS-labeling No known significant effects or critical hazards.  
 PCR Mix  
 drMID 1-48/49-96 Read 1 Primer No known significant effects or critical hazards.  
 Mix  
 drMID 1-48/49-96 Read 2 Primer No known significant effects or critical hazards.  
 Mix  
 drMID 1-48/49-96 Index 1 Primer No known significant effects or critical hazards.  
 Mix  
 drMID 1-48 49-96 Index 2 Primer No known significant effects or critical hazards.  
 drMID 49-96 P7-09 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-10 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-11 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-12 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-13 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-14 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-15 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P7-16 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-07 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-08 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-09 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-10 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-11 Primer Mix No known significant effects or critical hazards.  
 drMID 49-96 P5-12 Primer Mix No known significant effects or critical hazards.

## Section 11. Toxicological information

<b>Skin contact</b>	:	drMID 1-48/49-96 Taq DNA pol.	No known significant effects or critical hazards.
		drMID 1-48/49-96 Universal PCR Mix	No known significant effects or critical hazards.
		drMID 1-48/49-96 GS-labeling PCR Mix	No known significant effects or critical hazards.
		drMID 1-48/49-96 Read 1 Primer Mix	No known significant effects or critical hazards.
		drMID 1-48/49-96 Read 2 Primer Mix	No known significant effects or critical hazards.
		drMID 1-48/49-96 Index 1 Primer Mix	No known significant effects or critical hazards.
		drMID 1-48 49-96 Index 2 Primer	No known significant effects or critical hazards.
		drMID 49-96 P7-09 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-10 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-11 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-12 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-13 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-14 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-15 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-16 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-07 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-08 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-09 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-10 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-11 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-12 Primer Mix	No known significant effects or critical hazards.
<b>Ingestion</b>	:	drMID 1-48/49-96 Taq DNA pol.	No known significant effects or critical hazards.
		drMID 1-48/49-96 Universal PCR Mix	No known significant effects or critical hazards.
		drMID 1-48/49-96 GS-labeling PCR Mix	No known significant effects or critical hazards.
		drMID 1-48/49-96 Read 1 Primer Mix	No known significant effects or critical hazards.
		drMID 1-48/49-96 Read 2 Primer Mix	No known significant effects or critical hazards.
		drMID 1-48/49-96 Index 1 Primer Mix	No known significant effects or critical hazards.
		drMID 1-48 49-96 Index 2 Primer	No known significant effects or critical hazards.
		drMID 49-96 P7-09 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-10 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-11 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-12 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-13 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-14 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-15 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P7-16 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-07 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-08 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-09 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-10 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-11 Primer Mix	No known significant effects or critical hazards.
		drMID 49-96 P5-12 Primer Mix	No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics



## Section 11. Toxicological information

<b>Eye contact</b>	: drMID 1-48/49-96 Taq DNA pol.	Adverse symptoms may include the following: irritation watering redness
	drMID 1-48/49-96 Universal PCR Mix	No specific data.
	drMID 1-48/49-96 GS-labeling PCR Mix	No specific data.
	drMID 1-48/49-96 Read 1 Primer Mix	No specific data.
	drMID 1-48/49-96 Read 2 Primer Mix	No specific data.
	drMID 1-48/49-96 Index 1 Primer Mix	No specific data.
	drMID 1-48 49-96 Index 2 Primer	No specific data.
	drMID 49-96 P7-09 Primer Mix	No specific data.
	drMID 49-96 P7-10 Primer Mix	No specific data.
	drMID 49-96 P7-11 Primer Mix	No specific data.
	drMID 49-96 P7-12 Primer Mix	No specific data.
	drMID 49-96 P7-13 Primer Mix	No specific data.
	drMID 49-96 P7-14 Primer Mix	No specific data.
	drMID 49-96 P7-15 Primer Mix	No specific data.
	drMID 49-96 P7-16 Primer Mix	No specific data.
	drMID 49-96 P5-07 Primer Mix	No specific data.
	drMID 49-96 P5-08 Primer Mix	No specific data.
	drMID 49-96 P5-09 Primer Mix	No specific data.
	drMID 49-96 P5-10 Primer Mix	No specific data.
	drMID 49-96 P5-11 Primer Mix	No specific data.
	drMID 49-96 P5-12 Primer Mix	No specific data.
<b>Inhalation</b>	: drMID 1-48/49-96 Taq DNA pol.	No specific data.
	drMID 1-48/49-96 Universal PCR Mix	No specific data.
	drMID 1-48/49-96 GS-labeling PCR Mix	No specific data.
	drMID 1-48/49-96 Read 1 Primer Mix	No specific data.
	drMID 1-48/49-96 Read 2 Primer Mix	No specific data.
	drMID 1-48/49-96 Index 1 Primer Mix	No specific data.
	drMID 1-48 49-96 Index 2 Primer	No specific data.
	drMID 49-96 P7-09 Primer Mix	No specific data.
	drMID 49-96 P7-10 Primer Mix	No specific data.
	drMID 49-96 P7-11 Primer Mix	No specific data.
	drMID 49-96 P7-12 Primer Mix	No specific data.
	drMID 49-96 P7-13 Primer Mix	No specific data.
	drMID 49-96 P7-14 Primer Mix	No specific data.
	drMID 49-96 P7-15 Primer Mix	No specific data.
	drMID 49-96 P7-16 Primer Mix	No specific data.
	drMID 49-96 P5-07 Primer Mix	No specific data.
	drMID 49-96 P5-08 Primer Mix	No specific data.
	drMID 49-96 P5-09 Primer Mix	No specific data.
	drMID 49-96 P5-10 Primer Mix	No specific data.
	drMID 49-96 P5-11 Primer Mix	No specific data.
	drMID 49-96 P5-12 Primer Mix	No specific data.

## Section 11. Toxicological information

<b>Skin contact</b>	:	drMID 1-48/49-96 Taq DNA pol.	No specific data.
		drMID 1-48/49-96 Universal PCR Mix	No specific data.
		drMID 1-48/49-96 GS-labeling PCR Mix	No specific data.
		drMID 1-48/49-96 Read 1 Primer Mix	No specific data.
		drMID 1-48/49-96 Read 2 Primer Mix	No specific data.
		drMID 1-48/49-96 Index 1 Primer Mix	No specific data.
		drMID 1-48 49-96 Index 2 Primer	No specific data.
		drMID 49-96 P7-09 Primer Mix	No specific data.
		drMID 49-96 P7-10 Primer Mix	No specific data.
		drMID 49-96 P7-11 Primer Mix	No specific data.
		drMID 49-96 P7-12 Primer Mix	No specific data.
		drMID 49-96 P7-13 Primer Mix	No specific data.
		drMID 49-96 P7-14 Primer Mix	No specific data.
		drMID 49-96 P7-15 Primer Mix	No specific data.
		drMID 49-96 P7-16 Primer Mix	No specific data.
		drMID 49-96 P5-07 Primer Mix	No specific data.
		drMID 49-96 P5-08 Primer Mix	No specific data.
		drMID 49-96 P5-09 Primer Mix	No specific data.
		drMID 49-96 P5-10 Primer Mix	No specific data.
		drMID 49-96 P5-11 Primer Mix	No specific data.
		drMID 49-96 P5-12 Primer Mix	No specific data.
<b>Ingestion</b>	:	drMID 1-48/49-96 Taq DNA pol.	No specific data.
		drMID 1-48/49-96 Universal PCR Mix	No specific data.
		drMID 1-48/49-96 GS-labeling PCR Mix	No specific data.
		drMID 1-48/49-96 Read 1 Primer Mix	No specific data.
		drMID 1-48/49-96 Read 2 Primer Mix	No specific data.
		drMID 1-48/49-96 Index 1 Primer Mix	No specific data.
		drMID 1-48 49-96 Index 2 Primer	No specific data.
		drMID 49-96 P7-09 Primer Mix	No specific data.
		drMID 49-96 P7-10 Primer Mix	No specific data.
		drMID 49-96 P7-11 Primer Mix	No specific data.
		drMID 49-96 P7-12 Primer Mix	No specific data.
		drMID 49-96 P7-13 Primer Mix	No specific data.
		drMID 49-96 P7-14 Primer Mix	No specific data.
		drMID 49-96 P7-15 Primer Mix	No specific data.
		drMID 49-96 P7-16 Primer Mix	No specific data.
		drMID 49-96 P5-07 Primer Mix	No specific data.
		drMID 49-96 P5-08 Primer Mix	No specific data.
		drMID 49-96 P5-09 Primer Mix	No specific data.
		drMID 49-96 P5-10 Primer Mix	No specific data.
		drMID 49-96 P5-11 Primer Mix	No specific data.
		drMID 49-96 P5-12 Primer Mix	No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

## Section 11. Toxicological information

**Potential delayed effects** : Not available.

### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

<b>General</b>	<ul style="list-style-type: none"> <li>: drMID 1-48/49-96 Taq DNA pol. No known significant effects or critical hazards.</li> <li>drMID 1-48/49-96 Universal PCR Mix No known significant effects or critical hazards.</li> <li>drMID 1-48/49-96 GS-labeling PCR Mix No known significant effects or critical hazards.</li> <li>drMID 1-48/49-96 Read 1 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 1-48/49-96 Read 2 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 1-48/49-96 Index 1 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 1-48 49-96 Index 2 Primer No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-09 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-10 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-11 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-12 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-13 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-14 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-15 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-16 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P5-07 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P5-08 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P5-09 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P5-10 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P5-11 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P5-12 Primer Mix No known significant effects or critical hazards.</li> </ul>
<b>Carcinogenicity</b>	<ul style="list-style-type: none"> <li>: drMID 1-48/49-96 Taq DNA pol. No known significant effects or critical hazards.</li> <li>drMID 1-48/49-96 Universal PCR Mix No known significant effects or critical hazards.</li> <li>drMID 1-48/49-96 GS-labeling PCR Mix No known significant effects or critical hazards.</li> <li>drMID 1-48/49-96 Read 1 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 1-48/49-96 Read 2 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 1-48/49-96 Index 1 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 1-48 49-96 Index 2 Primer No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-09 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-10 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-11 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-12 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-13 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-14 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-15 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P7-16 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P5-07 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P5-08 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P5-09 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P5-10 Primer Mix No known significant effects or critical hazards.</li> <li>drMID 49-96 P5-11 Primer Mix No known significant effects or critical hazards.</li> </ul>

## Section 11. Toxicological information

### Mutagenicity

drMID 49-96 P5-12 Primer Mix	No known significant effects or critical hazards.
: drMID 1-48/49-96 Taq DNA pol.	No known significant effects or critical hazards.
drMID 1-48/49-96 Universal PCR Mix	No known significant effects or critical hazards.
drMID 1-48/49-96 GS-labeling PCR Mix	No known significant effects or critical hazards.
drMID 1-48/49-96 Read 1 Primer Mix	No known significant effects or critical hazards.
drMID 1-48/49-96 Read 2 Primer Mix	No known significant effects or critical hazards.
drMID 1-48/49-96 Index 1 Primer Mix	No known significant effects or critical hazards.
drMID 1-48 49-96 Index 2 Primer	No known significant effects or critical hazards.
drMID 49-96 P7-09 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-10 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-11 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-12 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-13 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-14 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-15 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-16 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-07 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-08 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-09 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-10 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-11 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-12 Primer Mix	No known significant effects or critical hazards.

### Teratogenicity

: drMID 1-48/49-96 Taq DNA pol.	No known significant effects or critical hazards.
drMID 1-48/49-96 Universal PCR Mix	No known significant effects or critical hazards.
drMID 1-48/49-96 GS-labeling PCR Mix	No known significant effects or critical hazards.
drMID 1-48/49-96 Read 1 Primer Mix	No known significant effects or critical hazards.
drMID 1-48/49-96 Read 2 Primer Mix	No known significant effects or critical hazards.
drMID 1-48/49-96 Index 1 Primer Mix	No known significant effects or critical hazards.
drMID 1-48 49-96 Index 2 Primer	No known significant effects or critical hazards.
drMID 49-96 P7-09 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-10 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-11 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-12 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-13 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-14 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-15 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P7-16 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-07 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-08 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-09 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-10 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-11 Primer Mix	No known significant effects or critical hazards.
drMID 49-96 P5-12 Primer Mix	No known significant effects or critical hazards.

## Section 11. Toxicological information

<b>Developmental effects</b>	:	drMID 1-48/49-96 Taq DNA pol.	No known significant effects or critical hazards.	
		drMID 1-48/49-96 Universal PCR Mix	No known significant effects or critical hazards.	
		drMID 1-48/49-96 GS-labeling PCR Mix	No known significant effects or critical hazards.	
		drMID 1-48/49-96 Read 1 Primer Mix	No known significant effects or critical hazards.	
		drMID 1-48/49-96 Read 2 Primer Mix	No known significant effects or critical hazards.	
		drMID 1-48/49-96 Index 1 Primer Mix	No known significant effects or critical hazards.	
		drMID 1-48 49-96 Index 2 Primer	No known significant effects or critical hazards.	
		drMID 49-96 P7-09 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-10 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-11 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-12 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-13 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-14 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-15 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-16 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-07 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-08 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-09 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-10 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-11 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-12 Primer Mix	No known significant effects or critical hazards.	
	<b>Fertility effects</b>	:	drMID 1-48/49-96 Taq DNA pol.	No known significant effects or critical hazards.
			drMID 1-48/49-96 Universal PCR Mix	No known significant effects or critical hazards.
		drMID 1-48/49-96 GS-labeling PCR Mix	No known significant effects or critical hazards.	
		drMID 1-48/49-96 Read 1 Primer Mix	No known significant effects or critical hazards.	
		drMID 1-48/49-96 Read 2 Primer Mix	No known significant effects or critical hazards.	
		drMID 1-48/49-96 Index 1 Primer Mix	No known significant effects or critical hazards.	
		drMID 1-48 49-96 Index 2 Primer	No known significant effects or critical hazards.	
		drMID 49-96 P7-09 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-10 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-11 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-12 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-13 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-14 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-15 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P7-16 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-07 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-08 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-09 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-10 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-11 Primer Mix	No known significant effects or critical hazards.	
		drMID 49-96 P5-12 Primer Mix	No known significant effects or critical hazards.	

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 11. Toxicological information

## Section 12. Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
drMID 1-48/49-96 Taq DNA pol. Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
drMID 1-48/49-96 Taq DNA pol. Glycerol	-1.76	-	low

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**12.5 Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

### 13.1 Waste treatment methods

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## Section 14. Transport information

**DOT / TDG / Mexico / IMDG / IATA** : Not regulated.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL and the IBC Code** : Not available.

## Section 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**U.S. Federal regulations** : **TSCA 8(a) PAIR:** Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy-  
**TSCA 8(a) CDR Exempt/Partial exemption:** Not determined  
**Clean Water Act (CWA) 311:** Edetic acid

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

#### SARA 302/304

##### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

#### SARA 311/312

<b>Classification</b>	drMID 1-48/49-96 Taq DNA pol.	Immediate (acute) health hazard
	drMID 1-48/49-96 Universal PCR Mix	Not applicable.
	drMID 1-48/49-96 GS-labeling PCR Mix	Not applicable.
	drMID 1-48/49-96 Read 1 Primer Mix	Not applicable.
	drMID 1-48/49-96 Read 2 Primer Mix	Not applicable.
	drMID 1-48/49-96 Index 1 Primer Mix	Not applicable.
	drMID 1-48 49-96 Index 2 Primer	Not applicable.
	drMID 49-96 P7-09 Primer Mix	Not applicable.
	drMID 49-96 P7-10 Primer Mix	Not applicable.
	drMID 49-96 P7-11 Primer Mix	Not applicable.
	drMID 49-96 P7-12 Primer Mix	Not applicable.
	drMID 49-96 P7-13 Primer Mix	Not applicable.

## Section 15. Regulatory information

drMID 49-96 P7-14 Primer Mix	Not applicable.
drMID 49-96 P7-15 Primer Mix	Not applicable.
drMID 49-96 P7-16 Primer Mix	Not applicable.
drMID 49-96 P5-07 Primer Mix	Not applicable.
drMID 49-96 P5-08 Primer Mix	Not applicable.
drMID 49-96 P5-09 Primer Mix	Not applicable.
drMID 49-96 P5-10 Primer Mix	Not applicable.
drMID 49-96 P5-11 Primer Mix	Not applicable.
drMID 49-96 P5-12 Primer Mix	Not applicable.

### Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
drMID 1-48/49-96 Taq DNA pol. Glycerol	≥25 - ≤50	No.	No.	No.	Yes.	No.

### State regulations

<b>Massachusetts</b>	: The following components are listed: GLYCERINE MIST
<b>New York</b>	: None of the components are listed.
<b>New Jersey</b>	: The following components are listed: GLYCERIN; 1,2,3-PROPANETRIOL
<b>Pennsylvania</b>	: The following components are listed: 1,2,3-PROPANETRIOL

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

<b>Australia</b>	: Not determined.
<b>Canada</b>	: Not determined.
<b>China</b>	: Not determined.
<b>Europe</b>	: Not determined.
<b>Japan</b>	: <b>Japan inventory (ENCS):</b> Not determined. <b>Japan inventory (ISHL):</b> Not determined.
<b>Malaysia</b>	: Not determined.
<b>New Zealand</b>	: Not determined.
<b>Philippines</b>	: Not determined.
<b>Republic of Korea</b>	: Not determined.
<b>Taiwan</b>	: Not determined.
<b>Thailand</b>	: Not determined.



## Section 15. Regulatory information

<a href="#">Turkey</a>	: Not determined.
<a href="#">United States</a>	: Not determined.
<a href="#">Viet Nam</a>	: Not determined.

## Section 16. Other information

### History

<a href="#">Date of issue</a>	: 08/30/2017
<a href="#">Date of previous issue</a>	: 06/16/2017.
<a href="#">Version</a>	: 1.2

✔ Indicates information that has changed from previously issued version.

### Notice to reader

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