

SAFETY DATA SHEET



Prime-It RmT Random Primer Labeling Kit, Part Number 300392

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : Prime-It RmT Random Primer Labeling Kit, Part Number 300392
Part no. (chemical kit) : 300392
Part no. : Prime-It Reaction Strips 300392-161
Prime-It Control DNA 300392-131
Prime-It Room Temp 300392-15
Stop Mix
Prime-It Room Temp 300392-14
Magenta

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

Material uses : Analytical reagent.
 Prime-It Reaction Strips 24 x 0.003 g
Prime-It Control DNA 0.0003 g
Prime-It Room Temp Stop Mix 100 µl
Prime-It Room Temp Magenta 80 µl (4 U/µl)

1.3 Details of the supplier of the safety data sheet

Agilent Technologies Manufacturing GmbH & Co. KG
Hewlett-Packard-Str. 8
76337 Waldbronn
Germany
0800 603 1000

e-mail address of person responsible for this SDS : pdl-msds_author@agilent.com

1.4 Emergency telephone number

Emergency telephone number (with hours of operation) : CHEMTREC®: +(44)-870-8200418

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Prime-It Reaction Strips Mixture
Prime-It Control DNA Mixture
Prime-It Room Temp Mixture
Stop Mix
Prime-It Room Temp Mixture
Magenta

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Prime-It Reaction Strips
H360FD REPRODUCTIVE TOXICITY (Fertility and Unborn child) - Category 1B

Prime-It Control DNA
H360FD REPRODUCTIVE TOXICITY (Fertility and Unborn child) - Category 1B

Prime-It Room Temp Stop Mix
H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

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SECTION 2: Hazards identification

Ingredients of unknown toxicity	: Prime-It Reaction Strips	Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 10 - 30%
	Prime-It Control DNA	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: > 60%
	Prime-It Room Temp Magenta	Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 10 - 30%
	Prime-It Room Temp Magenta	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: > 60%
Ingredients of unknown ecotoxicity	: Prime-It Reaction Strips	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60%
		Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 13.2%

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms	: Prime-It Reaction Strips	
	Prime-It Control DNA	
	Prime-It Room Temp Stop Mix	
Signal word	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	Danger Danger Warning
	Prime-It Room Temp Magenta	No signal word.
Hazard statements	: Prime-It Reaction Strips	H360FD - May damage fertility. May damage the unborn child.
	Prime-It Control DNA	H360FD - May damage fertility. May damage the unborn child.
	Prime-It Room Temp Stop Mix	H319 - Causes serious eye irritation.
	Prime-It Room Temp Magenta	No known significant effects or critical hazards.
Precautionary statements		
Prevention	: Prime-It Reaction Strips	P201 - Obtain special instructions before use. P280 - Wear protective gloves. Wear protective clothing. Wear eye or face protection.
	Prime-It Control DNA	P201 - Obtain special instructions before use. P280 - Wear protective gloves. Wear protective clothing. Wear eye or face protection.
	Prime-It Room Temp Stop Mix	P280 - Wear eye or face protection.
	Prime-It Room Temp Magenta	P264 - Wash hands thoroughly after handling. Not applicable.

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Response	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	P308 + P313 - IF exposed or concerned: Get medical attention. P308 + P313 - IF exposed or concerned: Get medical attention. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Not applicable.
Storage	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	P405 - Store locked up. P405 - Store locked up. Not applicable. Not applicable.
Disposal	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. Not applicable. Not applicable.
Hazardous ingredients	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	- disodium tetraborate pentahydrate - disodium tetraborate pentahydrate Not applicable. Not applicable.
Supplemental label elements	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	Not applicable. Not applicable. Not applicable. Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	Restricted to professional users. Restricted to professional users. Not applicable. Not applicable.
<u>Special packaging requirements</u>		
Tactile warning of danger	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	Not applicable. Not applicable. Not applicable. Not applicable.
2.3 Other hazards		
Other hazards which do not result in classification	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	None known. None known. None known. None known.

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SECTION 3: Composition/information on ingredients

3.1 Substances : Prime-It Reaction Strips Mixture
 Prime-It Control DNA Mixture
 Prime-It Room Temp Stop Mix Mixture
 Prime-It Room Temp Magenta Mixture

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Type
Prime-It Reaction Strips Disodium tetraborate pentahydrate	EC: 215-540-4 CAS: 12179-04-3 Index: 005-011-02-9	≥10 - ≤25	Repr. 1B, H360FD (Fertility and Unborn child)	[1]
Prime-It Control DNA Disodium tetraborate pentahydrate	EC: 215-540-4 CAS: 12179-04-3 Index: 005-011-02-9	≥10 - ≤25	Repr. 1B, H360FD (Fertility and Unborn child)	[1]
Prime-It Room Temp Stop Mix Edetic acid	EC: 200-449-4 CAS: 60-00-4 Index: 607-429-00-8	≥10 - ≤25	Eye Irrit. 2, H319	[1]
Prime-It Room Temp Magenta Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
Poly(oxy-1,2-ethanediy), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy-	CAS: 9036-19-5	<0.25	Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) See Section 16 for the full text of the H statements declared above.	[1] [5]

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.

Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact : Prime-It Reaction Strips 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. Get medical attention if irritation occurs.

Prime-It Control DNA 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. Get medical attention if irritation occurs.

Prime-It Room Temp Stop Mix 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. Get medical attention.

Prime-It Room Temp Magenta Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove

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SECTION 4: First aid measures

Inhalation	:	Prime-It Reaction Strips	any contact lenses. Get medical attention if irritation occurs. 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 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. 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.
		Prime-It Control DNA	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 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.
		Prime-It Room Temp Stop Mix	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. 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.
		Prime-It Room Temp Magenta	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	:	Prime-It Reaction Strips	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
		Prime-It Control DNA	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
		Prime-It Room Temp Stop Mix	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.
		Prime-It Room Temp Magenta	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

SECTION 4: First aid measures

Ingestion

: Prime-It Reaction Strips

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. 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.

Prime-It Control DNA

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. 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.

Prime-It Room Temp Stop Mix

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.

Prime-It Room Temp Magenta

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.

Protection of first-aiders

: Prime-It Reaction Strips

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Prime-It Control DNA

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Prime-It Room Temp Stop Mix

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person

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Prime-It Room Temp Magenta	providing aid to give mouth-to-mouth resuscitation. No action shall be taken involving any personal risk or without suitable training.
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4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	No known significant effects or critical hazards. No known significant effects or critical hazards. Causes serious eye irritation. No known significant effects or critical hazards.
Inhalation	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	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.
Skin contact	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	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.
Ingestion	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	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.

Over-exposure signs/symptoms

Eye contact	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	No specific data. No specific data. Adverse symptoms may include the following: pain or irritation watering redness No specific data.
Inhalation	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations No specific data. No specific data.

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Skin contact	: Prime-It Reaction Strips	Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations
	Prime-It Control DNA	Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations
	Prime-It Room Temp Stop Mix	No specific data.
	Prime-It Room Temp Magenta	No specific data.
Ingestion	: Prime-It Reaction Strips	Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations
	Prime-It Control DNA	Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations
	Prime-It Room Temp Stop Mix	No specific data.
	Prime-It Room Temp Magenta	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	: Prime-It Reaction Strips	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.
	Prime-It Control DNA	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Prime-It Room Temp Stop 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.
	Prime-It Room Temp Magenta	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: Prime-It Reaction Strips	No specific treatment.
	Prime-It Control DNA	No specific treatment.
	Prime-It Room Temp Stop Mix	No specific treatment.
	Prime-It Room Temp Magenta	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Prime-It Reaction Strips	Use an extinguishing agent suitable for the surrounding fire.
	Prime-It Control DNA	Use an extinguishing agent suitable for the surrounding fire.
	Prime-It Room Temp Stop Mix	Use an extinguishing agent suitable for the surrounding fire.
	Prime-It Room Temp Magenta	Use an extinguishing agent suitable for the surrounding fire.
	Unsuitable extinguishing media	: Prime-It Reaction Strips
	Prime-It Control DNA	None known.
	Prime-It Room Temp Stop Mix	None known.
	Prime-It Room Temp Magenta	None known.

5.2 Special hazards arising from the substance or mixture

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SECTION 5: Firefighting measures

Hazards from the substance or mixture	: Prime-It Reaction Strips	No specific fire or explosion hazard.
	Prime-It Control DNA	No specific fire or explosion hazard.
	Prime-It Room Temp Stop Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
	Prime-It Room Temp Magenta	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	: Prime-It Reaction Strips	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides metal oxide/oxides
	Prime-It Control DNA	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
	Prime-It Room Temp Stop Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides
	Prime-It Room Temp Magenta	Decomposition products may include the following materials: carbon dioxide carbon monoxide

5.3 Advice for firefighters

Special precautions for fire-fighters	: Prime-It Reaction Strips	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.
	Prime-It Control DNA	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.
	Prime-It Room Temp Stop 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.
	Prime-It Room Temp Magenta	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	: Prime-It Reaction Strips	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	Prime-It Control DNA	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	Prime-It Room Temp Stop Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	Prime-It Room Temp Magenta	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for

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fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: Prime-It Reaction Strips	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 spilt material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	Prime-It Control DNA	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 spilt material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	Prime-It Room Temp Stop 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 spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	Prime-It Room Temp Magenta	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 spilt material. Put on appropriate personal protective equipment.
For emergency responders	: Prime-It Reaction Strips	If specialised 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".
	Prime-It Control DNA	If specialised 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".
	Prime-It Room Temp Stop Mix	If specialised 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".
	Prime-It Room Temp Magenta	If specialised 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".
6.2 Environmental precautions	: Prime-It Reaction Strips	Avoid dispersal of spilt 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).
	Prime-It Control DNA	Avoid dispersal of spilt 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).
	Prime-It Room Temp Stop Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution

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Prime-It Room Temp Magenta	(sewers, waterways, soil or air). Avoid dispersal of spilt 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).
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6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Prime-It Reaction Strips	Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.
Prime-It Control DNA	Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.
Prime-It Room Temp Stop 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.
Prime-It Room Temp Magenta	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.

6.4 Reference to other sections : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures : Prime-It Reaction Strips	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. 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.
Prime-It Control DNA	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. 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.
Prime-It Room Temp Stop Mix	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a

SECTION 7: Handling and storage

Advice on general occupational hygiene

Prime-It Room Temp Magenta	compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
: Prime-It Reaction Strips	Put on appropriate personal protective equipment (see Section 8). 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.
Prime-It Control DNA	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.
Prime-It Room Temp Stop 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.
Prime-It Room Temp Magenta	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.

7.2 Conditions for safe storage, including any incompatibilities

Storage

: Prime-It Reaction Strips	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. Store locked up. 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Prime-It Control DNA	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. Store locked up. 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Prime-It Room Temp Stop 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

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Prime-It Room Temp Magenta	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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
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7.3 Specific end use(s)

Recommendations	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	Industrial applications, Professional applications. Industrial applications, Professional applications. Industrial applications, Professional applications. Industrial applications, Professional applications.
Industrial sector specific solutions	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Prime-It Room Temp Magenta Glycerol	EH40/2005 WELs (United Kingdom (UK), 12/2011). TWA: 10 mg/m ³ 8 hours. Form: Mist

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

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SECTION 8: Exposure controls/personal protection

- 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- 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.
- 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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	: Prime-It Reaction Strips	Solid.
	Prime-It Control DNA	Solid.
	Prime-It Room Temp	Liquid.
	Stop Mix	
	Prime-It Room Temp	Liquid.
	Magenta	
Colour	: Prime-It Reaction Strips	Not available.
	Prime-It Control DNA	Not available.
	Prime-It Room Temp	Not available.
	Stop Mix	
	Prime-It Room Temp	Not available.
	Magenta	
Odour	: Prime-It Reaction Strips	Not available.
	Prime-It Control DNA	Not available.
	Prime-It Room Temp	Not available.
	Stop Mix	
	Prime-It Room Temp	Not available.
	Magenta	

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SECTION 9: Physical and chemical properties

Odour threshold	: Prime-It Reaction Strips	Not available.
	Prime-It Control DNA	Not available.
	Prime-It Room Temp	Not available.
	Stop Mix	
	Prime-It Room Temp	Not available.
	Magenta	
pH	: Prime-It Reaction Strips	Not available.
	Prime-It Control DNA	Not available.
	Prime-It Room Temp	Not available.
	Stop Mix	
	Prime-It Room Temp	7.5
	Magenta	
Melting point/freezing point	: Prime-It Reaction Strips	Not available.
	Prime-It Control DNA	Not available.
	Prime-It Room Temp	Not available.
	Stop Mix	
	Prime-It Room Temp	Not available.
	Magenta	
Initial boiling point and boiling range	: Prime-It Reaction Strips	Not available.
	Prime-It Control DNA	Not available.
	Prime-It Room Temp	Not available.
	Stop Mix	
	Prime-It Room Temp	Not available.
	Magenta	
Flash point	: Prime-It Reaction Strips	Not available.
	Prime-It Control DNA	Not available.
	Prime-It Room Temp	Not available.
	Stop Mix	
	Prime-It Room Temp	Not available.
	Magenta	
Evaporation rate	: Prime-It Reaction Strips	Not available.
	Prime-It Control DNA	Not available.
	Prime-It Room Temp	Not available.
	Stop Mix	
	Prime-It Room Temp	Not available.
	Magenta	
Flammability (solid, gas)	: Prime-It Reaction Strips	Not available.
	Prime-It Control DNA	Not available.
	Prime-It Room Temp	Not applicable.
	Stop Mix	
	Prime-It Room Temp	Not applicable.
	Magenta	
Upper/lower flammability or explosive limits	: Prime-It Reaction Strips	Not available.
	Prime-It Control DNA	Not available.
	Prime-It Room Temp	Not available.
	Stop Mix	
	Prime-It Room Temp	Not available.
	Magenta	
Vapour pressure	: Prime-It Reaction Strips	Not available.
	Prime-It Control DNA	Not available.
	Prime-It Room Temp	Not available.
	Stop Mix	
	Prime-It Room Temp	Not available.
	Magenta	

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SECTION 9: Physical and chemical properties

Vapour density	:	Prime-It Reaction Strips	Not available.
		Prime-It Control DNA	Not available.
		Prime-It Room Temp	Not available.
		Stop Mix	
		Prime-It Room Temp Magenta	Not available.
Relative density	:	Prime-It Reaction Strips	Not available.
		Prime-It Control DNA	Not available.
		Prime-It Room Temp	Not available.
		Stop Mix	
		Prime-It Room Temp Magenta	Not available.
Solubility(ies)	:	Prime-It Reaction Strips	Not available.
		Prime-It Control DNA	Not available.
		Prime-It Room Temp	Easily soluble in the following materials: cold water and hot water.
		Stop Mix	
		Prime-It Room Temp Magenta	Soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	:	Prime-It Reaction Strips	Not available.
		Prime-It Control DNA	Not available.
		Prime-It Room Temp	Not available.
		Stop Mix	
		Prime-It Room Temp Magenta	Not available.
Auto-ignition temperature	:	Prime-It Reaction Strips	Not available.
		Prime-It Control DNA	Not available.
		Prime-It Room Temp	Not available.
		Stop Mix	
		Prime-It Room Temp Magenta	Not available.
Decomposition temperature	:	Prime-It Reaction Strips	Not available.
		Prime-It Control DNA	Not available.
		Prime-It Room Temp	Not available.
		Stop Mix	
		Prime-It Room Temp Magenta	Not available.
Viscosity	:	Prime-It Reaction Strips	Not available.
		Prime-It Control DNA	Not available.
		Prime-It Room Temp	Not available.
		Stop Mix	
		Prime-It Room Temp Magenta	Not available.
Explosive properties	:	Prime-It Reaction Strips	Not available.
		Prime-It Control DNA	Not available.
		Prime-It Room Temp	Not available.
		Stop Mix	
		Prime-It Room Temp Magenta	Not available.
Oxidising properties	:	Prime-It Reaction Strips	Not available.
		Prime-It Control DNA	Not available.
		Prime-It Room Temp	Not available.
		Stop Mix	
		Prime-It Room Temp Magenta	Not available.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity	: Prime-It Reaction Strips	No specific test data related to reactivity available for this product or its ingredients.
	Prime-It Control DNA	No specific test data related to reactivity available for this product or its ingredients.
	Prime-It Room Temp Stop Mix	No specific test data related to reactivity available for this product or its ingredients.
	Prime-It Room Temp Magenta	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: Prime-It Reaction Strips	The product is stable.
	Prime-It Control DNA	The product is stable.
	Prime-It Room Temp Stop Mix	The product is stable.
	Prime-It Room Temp Magenta	The product is stable.
10.3 Possibility of hazardous reactions	: Prime-It Reaction Strips	Under normal conditions of storage and use, hazardous reactions will not occur.
	Prime-It Control DNA	Under normal conditions of storage and use, hazardous reactions will not occur.
	Prime-It Room Temp Stop Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
	Prime-It Room Temp Magenta	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: Prime-It Reaction Strips	No specific data.
	Prime-It Control DNA	No specific data.
	Prime-It Room Temp Stop Mix	No specific data.
	Prime-It Room Temp Magenta	No specific data.
10.5 Incompatible materials	: Prime-It Reaction Strips	May react or be incompatible with oxidising materials.
	Prime-It Control DNA	May react or be incompatible with oxidising materials.
	Prime-It Room Temp Stop Mix	May react or be incompatible with oxidising materials.
	Prime-It Room Temp Magenta	May react or be incompatible with oxidising materials.
10.6 Hazardous decomposition products	: Prime-It Reaction Strips	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Prime-It Control DNA	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Prime-It Room Temp Stop Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Prime-It Room Temp Magenta	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

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Product/ingredient name	Result	Species	Dose	Exposure
Prime-It Room Temp Magenta Poly(oxy-1,2-ethanediyl), . alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-. omega.-hydroxy-	LD50 Oral	Rat	2800 mg/kg	-

Acute toxicity estimates

Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Prime-It Reaction Strips Disodium tetraborate pentahydrate	Eyes - Severe irritant	Rabbit	-	100 milligrams	-
Prime-It Control DNA Disodium tetraborate pentahydrate	Eyes - Severe irritant	Rabbit	-	100 milligrams	-
Prime-It Room Temp Magenta Poly(oxy-1,2-ethanediyl), . alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-. omega.-hydroxy-	Eyes - Severe irritant	Rabbit	-	1 Percent	-

Sensitiser

Conclusion/Summary : Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure : Prime-It Reaction Strips Routes of entry anticipated: Oral, Dermal, Inhalation.
 Prime-It Control DNA Routes of entry anticipated: Oral, Dermal, Inhalation.
 Prime-It Room Temp Stop Mix Routes of entry anticipated: Oral, Dermal, Inhalation.
 Prime-It Room Temp Magenta Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

SECTION 11: Toxicological information

Inhalation	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	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.
Ingestion	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	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.
Skin contact	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	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.
Eye contact	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	No known significant effects or critical hazards. No known significant effects or critical hazards. Causes serious eye irritation. No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations No specific data. No specific data.
Ingestion	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp Magenta	Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations No specific data. No specific data.
Skin contact	: Prime-It Reaction Strips Prime-It Control DNA Prime-It Room Temp Stop Mix Prime-It Room Temp	Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations No specific data. No specific data.

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	Magenta	
Eye contact	: Prime-It Reaction Strips	No specific data.
	Prime-It Control DNA	No specific data.
	Prime-It Room Temp	Adverse symptoms may include the following:
	Stop Mix	
		pain or irritation
		watering
		redness
	Prime-It Room Temp	No specific data.
	Magenta	

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

General	: Prime-It Reaction Strips	No known significant effects or critical hazards.
	Prime-It Control DNA	No known significant effects or critical hazards.
	Prime-It Room Temp	No known significant effects or critical hazards.
	Stop Mix	
	Prime-It Room Temp	No known significant effects or critical hazards.
	Magenta	
Carcinogenicity	: Prime-It Reaction Strips	No known significant effects or critical hazards.
	Prime-It Control DNA	No known significant effects or critical hazards.
	Prime-It Room Temp	No known significant effects or critical hazards.
	Stop Mix	
	Prime-It Room Temp	No known significant effects or critical hazards.
	Magenta	
Mutagenicity	: Prime-It Reaction Strips	No known significant effects or critical hazards.
	Prime-It Control DNA	No known significant effects or critical hazards.
	Prime-It Room Temp	No known significant effects or critical hazards.
	Stop Mix	
	Prime-It Room Temp	No known significant effects or critical hazards.
	Magenta	
Teratogenicity	: Prime-It Reaction Strips	May damage the unborn child.
	Prime-It Control DNA	May damage the unborn child.
	Prime-It Room Temp	No known significant effects or critical hazards.
	Stop Mix	
	Prime-It Room Temp	No known significant effects or critical hazards.
	Magenta	
Developmental effects	: Prime-It Reaction Strips	No known significant effects or critical hazards.
	Prime-It Control DNA	No known significant effects or critical hazards.
	Prime-It Room Temp	No known significant effects or critical hazards.
	Stop Mix	
	Prime-It Room Temp	No known significant effects or critical hazards.
	Magenta	

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Fertility effects	:	Prime-It Reaction Strips	May damage fertility.
		Prime-It Control DNA	May damage fertility.
		Prime-It Room Temp	No known significant effects or critical hazards.
		Stop Mix	
		Prime-It Room Temp	No known significant effects or critical hazards.
		Magenta	

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Prime-It Room Temp Stop Mix Edetic acid	Acute EC50 113000 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 41000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
Prime-It Room Temp Magenta Poly(oxy-1,2-ethanediyl), . alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-. omega.-hydroxy-	Acute EC50 210 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute LC50 10800 µg/l Marine water	Crustaceans - Pandalus montagui - Adult	48 hours
	Acute LC50 8600 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 7200 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

12.2 Persistence and degradability

Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Prime-It Room Temp Stop Mix Edetic acid	-	-	Not readily

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Prime-It Room Temp Stop Mix Edetic acid	-3.86	1.8	low
Prime-It Room Temp Magenta Poly(oxy-1,2-ethanediyl), . alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-. omega.-hydroxy-	3.77	78.67	low

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Mobility : Not available.

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SECTION 12: Ecological information

12.5 Results of PBT and vPvB assessment

- PBT** : Not applicable.
vPvB : Not applicable.

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

- Methods of disposal** : The generation of waste should be avoided or minimised 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.
- Hazardous waste** : The classification of the product may meet the criteria for a hazardous waste.

Packaging

- Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
- Special precautions** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

ADR/RID / IMDG / IATA : Not regulated.

14.6 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.

14.7 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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

Ingredient name	Intrinsic property	Status	Reference number	Date of revision
Prime-It Reaction Strips Disodium tetraborate pentahydrate	Toxic to reproduction	Recommended	ED/30/2010	7/1/2015
Prime-It Control DNA Disodium tetraborate pentahydrate	Toxic to reproduction	Recommended	ED/30/2010	7/1/2015
Prime-It Room Temp Magenta Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,	Substance of	Recommended	ED/169/2012	2/10/2014

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SECTION 15: Regulatory information

3-tetramethylbutyl)phenyl]-.omega.-hydroxy-	equivalent concern for human health			
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Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Prime-It Reaction Strips	Restricted to professional users.
	: Prime-It Control DNA	Restricted to professional users.
	: Prime-It Room Temp Stop Mix	Not applicable.
	: Prime-It Room Temp Magenta	Not applicable.

Other EU regulations

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

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

Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.
Europe	: All components are listed or exempted.
Japan	: Japan inventory (ENCS): Not determined. Japan inventory (ISHL): Not determined.
Malaysia	: Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: All components are listed or exempted.
Thailand	: <input checked="" type="checkbox"/> Not determined.
Turkey	: Not determined.
United States	: All components are listed or exempted.
Viet Nam	: <input checked="" type="checkbox"/> Not determined.

15.2 Chemical safety assessment : This product contains substances for which Chemical Safety Assessments might still be required.

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SECTION 16: Other information

 Indicates information that has changed from previously issued version.


Abbreviations and acronyms

: ATE = Acute Toxicity Estimate
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
 DNEL = Derived No Effect Level
 EUH statement = CLP-specific Hazard statement
 PNEC = Predicted No Effect Concentration
 RRN = REACH Registration Number


Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Prime-It Reaction Strips Repr. 1B, H360FD (Fertility and Unborn child)	Calculation method
Prime-It Control DNA Repr. 1B, H360FD (Fertility and Unborn child)	Calculation method
Prime-It Room Temp Stop Mix Eye Irrit. 2, H319	Calculation method

Full text of abbreviated H statements

 Prime-It Reaction Strips H360FD	May damage fertility. May damage the unborn child.
Prime-It Control DNA H360FD	May damage fertility. May damage the unborn child.
Prime-It Room Temp Stop Mix H319	Causes serious eye irritation.
Prime-It Room Temp Magenta H319 H400 H410	Causes serious eye irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

 Prime-It Reaction Strips Repr. 1B, H360FD	REPRODUCTIVE TOXICITY (Fertility and Unborn child) - Category 1B
Prime-It Control DNA Repr. 1B, H360FD	REPRODUCTIVE TOXICITY (Fertility and Unborn child) - Category 1B
Prime-It Room Temp Stop Mix Eye Irrit. 2, H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Prime-It Room Temp Magenta Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Eye Irrit. 2, H319	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

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Version : 2

Notice to reader

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SECTION 16: Other information

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