

SAFETY DATA SHEET



Veterinary Drugs Comprehensive Mix - Box 2 of 2, Part Number 5190-0554A

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

1.1 Product identifier

Product name	:	Veterinary Drugs Comprehensive Mix - Box 2 of 2, Part Number 5190-0554A	
Part no. (chemical kit)	:	5190-0554A	
Part no.	:	Veterinary Drugs Comprehensive Mix - Submix 4	5190-0572
	:	Veterinary Drugs Comprehensive Mix - Submix 6	5190-0574
	:	Veterinary Drugs Comprehensive Mix - Submix 7	5190-0575
	:	Veterinary Drugs Comprehensive Mix - Submix 8	5190-0576
	:	Veterinary Drugs Comprehensive Mix - Submix 9	5190-0577
	:	Veterinary Drugs Comprehensive Mix - Submix 11	5190-6166

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

Material uses	:	<input type="checkbox"/> Reagents and Standards for Analytical Chemistry Laboratory Use
	:	<input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - 1 ml Submix 4
	:	Veterinary Drugs Comprehensive Mix - 1 ml Submix 6
	:	Veterinary Drugs Comprehensive Mix - 1 ml Submix 7
	:	Veterinary Drugs Comprehensive Mix - 1 ml Submix 8
	:	Veterinary Drugs Comprehensive Mix - 1 ml Submix 9
	:	Veterinary Drugs Comprehensive Mix - 1 ml Submix 11

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	:	<input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 4	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 6	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 7	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 8	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 9	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 11	Mixture

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

Veterinary Drugs

Comprehensive Mix - Submix 4

H225	FLAMMABLE LIQUIDS - Category 2
H302	ACUTE TOXICITY (oral) - Category 4
H312	ACUTE TOXICITY (dermal) - Category 4
H332	ACUTE TOXICITY (inhalation) - Category 4
H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Veterinary Drugs

Comprehensive Mix - Submix 6

H225	FLAMMABLE LIQUIDS - Category 2
H302	ACUTE TOXICITY (oral) - Category 4
H312	ACUTE TOXICITY (dermal) - Category 4
H332	ACUTE TOXICITY (inhalation) - Category 4
H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
H400	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
H410	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1

Veterinary Drugs

Comprehensive Mix - Submix 7

H225	FLAMMABLE LIQUIDS - Category 2
H302	ACUTE TOXICITY (oral) - Category 4
H312	ACUTE TOXICITY (dermal) - Category 4
H332	ACUTE TOXICITY (inhalation) - Category 4
H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Veterinary Drugs

Comprehensive Mix - Submix 8

H225	FLAMMABLE LIQUIDS - Category 2
H302	ACUTE TOXICITY (oral) - Category 4
H312	ACUTE TOXICITY (dermal) - Category 4
H332	ACUTE TOXICITY (inhalation) - Category 4
H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
H411	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2

Veterinary Drugs

Comprehensive Mix - Submix 9

H225	FLAMMABLE LIQUIDS - Category 2
H302	ACUTE TOXICITY (oral) - Category 4
H312	ACUTE TOXICITY (dermal) - Category 4

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SECTION 2: Hazards identification

H332 ACUTE TOXICITY (inhalation) - Category 4
 H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

**Veterinary Drugs
 Comprehensive Mix - Submix
 11**

H225 FLAMMABLE LIQUIDS - Category 2
 H302 ACUTE TOXICITY (oral) - Category 4
 H312 ACUTE TOXICITY (dermal) - Category 4
 H332 ACUTE TOXICITY (inhalation) - Category 4
 H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 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

: <input checked="" type="checkbox"/>	Veterinary Drugs Comprehensive Mix - Submix 4	
<input type="checkbox"/>	Veterinary Drugs Comprehensive Mix - Submix 6	
<input type="checkbox"/>	Veterinary Drugs Comprehensive Mix - Submix 7	
<input type="checkbox"/>	Veterinary Drugs Comprehensive Mix - Submix 8	
<input type="checkbox"/>	Veterinary Drugs Comprehensive Mix - Submix 9	
<input type="checkbox"/>	Veterinary Drugs Comprehensive Mix - Submix 11	

Signal word

: <input checked="" type="checkbox"/>	Veterinary Drugs Comprehensive Mix - Submix 4	Danger
<input type="checkbox"/>	Veterinary Drugs Comprehensive Mix - Submix 6	Danger
<input type="checkbox"/>	Veterinary Drugs Comprehensive Mix - Submix 7	Danger
<input type="checkbox"/>	Veterinary Drugs Comprehensive Mix - Submix 8	Danger
<input type="checkbox"/>	Veterinary Drugs	Danger

SECTION 2: Hazards identification

	Comprehensive Mix - Submix 9		
	Veterinary Drugs Comprehensive Mix - Submix 11	Danger	
Hazard statements	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 4	H225 - Highly flammable liquid and vapour.	
	Veterinary Drugs Comprehensive Mix - Submix 6	H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled. H319 - Causes serious eye irritation. H225 - Highly flammable liquid and vapour.	
	Veterinary Drugs Comprehensive Mix - Submix 7	H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled. H319 - Causes serious eye irritation. H410 - Very toxic to aquatic life with long lasting effects. H225 - Highly flammable liquid and vapour.	
	Veterinary Drugs Comprehensive Mix - Submix 8	H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled. H319 - Causes serious eye irritation. H225 - Highly flammable liquid and vapour.	
	Veterinary Drugs Comprehensive Mix - Submix 9	H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled. H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects. H225 - Highly flammable liquid and vapour.	
	Veterinary Drugs Comprehensive Mix - Submix 11	H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled. H319 - Causes serious eye irritation. H225 - Highly flammable liquid and vapour.	
		H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled. H319 - Causes serious eye irritation.	
Precautionary statements			
Prevention	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 4	P280 - Wear protective gloves. Wear protective clothing. Wear eye or face protection.	
	Veterinary Drugs Comprehensive Mix - Submix 6	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 - Wear protective gloves. Wear protective clothing. Wear eye or face protection.	
	Veterinary Drugs Comprehensive Mix - Submix 7	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273 - Avoid release to the environment. P280 - Wear protective gloves. Wear protective clothing. Wear eye or face protection.	
		P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	

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	Veterinary Drugs Comprehensive Mix - Submix 8	P280 - Wear protective gloves. Wear protective clothing. Wear eye or face protection.
	Veterinary Drugs Comprehensive Mix - Submix 9	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273 - Avoid release to the environment. P280 - Wear protective gloves. Wear protective clothing. Wear eye or face protection.
	Veterinary Drugs Comprehensive Mix - Submix 11	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 - Wear protective gloves. Wear protective clothing. Wear eye or face protection.
Response	Veterinary Drugs Comprehensive Mix - Submix 4	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	Veterinary Drugs Comprehensive Mix - Submix 6	P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	Veterinary Drugs Comprehensive Mix - Submix 7	P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	Veterinary Drugs Comprehensive Mix - Submix 8	P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	Veterinary Drugs Comprehensive Mix - Submix 9	P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	Veterinary Drugs Comprehensive Mix - Submix 11	P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Storage	Veterinary Drugs Comprehensive Mix - Submix 4	P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 11	Not applicable.

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	Submix 9	
	Veterinary Drugs Comprehensive Mix - Submix 11	Not applicable.
Disposal	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 4	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	Veterinary Drugs Comprehensive Mix - Submix 6	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	Veterinary Drugs Comprehensive Mix - Submix 7	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	Veterinary Drugs Comprehensive Mix - Submix 8	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	Veterinary Drugs Comprehensive Mix - Submix 9	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	Veterinary Drugs Comprehensive Mix - Submix 11	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazardous ingredients	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 4	- acetonitrile
	Veterinary Drugs Comprehensive Mix - Submix 6	- acetonitrile
	Veterinary Drugs Comprehensive Mix - Submix 7	- acetonitrile
	Veterinary Drugs Comprehensive Mix - Submix 8	- acetonitrile
	Veterinary Drugs Comprehensive Mix - Submix 9	- acetonitrile
	Veterinary Drugs Comprehensive Mix - Submix 11	- acetonitrile
Supplemental label elements	: Veterinary Drugs Comprehensive Mix - Submix 4	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 9	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 11	Not applicable.

SECTION 2: Hazards identification

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Veterinary Drugs Comprehensive Mix - Submix 4	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 9	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 11	Not applicable.

Special packaging requirements

Tactile warning of danger	Veterinary Drugs Comprehensive Mix - Submix 4	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 9	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 11	Not applicable.

2.3 Other hazards

Other hazards which do not result in classification	Veterinary Drugs Comprehensive Mix - Submix 4	None known.
	Veterinary Drugs Comprehensive Mix - Submix 6	None known.
	Veterinary Drugs Comprehensive Mix - Submix 7	None known.
	Veterinary Drugs Comprehensive Mix - Submix 8	None known.
	Veterinary Drugs Comprehensive Mix - Submix 9	None known.
	Veterinary Drugs Comprehensive Mix - Submix 11	None known.

SECTION 3: Composition/information on ingredients

3.1 Substances	:	✓ Veterinary Drugs Comprehensive Mix - Submix 4	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 6	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 7	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 8	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 9	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 11	Mixture

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Type
✓ Veterinary Drugs Comprehensive Mix - Submix 4 Acetonitrile	EC: 200-835-2 CAS: 75-05-8 Index: 608-001-00-3	≥90	Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319	[1] [2]
Malachite green hydrochloride	EC: 209-322-8 CAS: 569-64-2 Index: 602-096-00-5	<0.025	Acute Tox. 4, H302 Eye Dam. 1, H318 Repr. 2, H361d (Unborn child) Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)	[1]
Veterinary Drugs Comprehensive Mix - Submix 6 Acetonitrile	EC: 200-835-2 CAS: 75-05-8 Index: 608-001-00-3	≥90	Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319	[1] [2]
diethylstilbestrol	EC: 200-278-5 CAS: 56-53-1	<0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 1B, H350 Repr. 1B, H360FD (Fertility and Unborn child) STOT SE 3, H335 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=10)	[1]
methyltestosterone	EC: 200-366-3 CAS: 58-18-4	<0.1	Carc. 1B, H350 Repr. 2, H361fd (Fertility and Unborn child) Aquatic Chronic 1, H410 (M=1000)	[1]
Estra-4,9,11-trien-3-one, 17-hydroxy-, (17β)-ethinylestradiol	CAS: 10161-33-8 EC: 200-342-2 CAS: 57-63-6	≤0.1 <0.1	Repr. 1B, H360D (Unborn child) Aquatic Chronic 1, H410 (M=10000) Acute Tox. 4, H302 Carc. 1B, H350 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1000000)	[1] [1]
Estradiol	EC: 200-023-8 CAS: 50-28-2	≤0.1	Carc. 2, H351 Repr. 1A, H360FD (Fertility and Unborn child) Lact., H362 Aquatic Acute 1, H400 (M=100000) Aquatic Chronic 1, H410 (M=100000)	[1]

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SECTION 3: Composition/information on ingredients

<p>Veterinary Drugs Comprehensive Mix - Submix 7 Acetonitrile</p>	<p>EC: 200-835-2 CAS: 75-05-8 Index: 608-001-00-3</p>	<p>≥90</p>	<p>Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319</p>	<p>[1] [2]</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 8 Acetonitrile</p>	<p>EC: 200-835-2 CAS: 75-05-8 Index: 608-001-00-3</p>	<p>≥90</p>	<p>Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319</p>	<p>[1] [2]</p>
<p>ibuprofen</p>	<p>EC: 239-784-6 CAS: 15687-27-1</p>	<p><0.025</p>	<p>Acute Tox. 4, H302 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 1, H410 (M=1000)</p>	<p>[1]</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 9 Acetonitrile</p>	<p>EC: 200-835-2 CAS: 75-05-8 Index: 608-001-00-3</p>	<p>≥90</p>	<p>Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319</p>	<p>[1] [2]</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 11 Acetonitrile</p>	<p>EC: 200-835-2 CAS: 75-05-8 Index: 608-001-00-3</p>	<p>≥90</p>	<p>Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319</p>	<p>[1] [2]</p>
			<p>See Section 16 for the full text of the H statements declared above.</p>	

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

<p>Eye contact</p>	<p>: Veterinary Drugs Comprehensive Mix - Submix 4</p> <p>Veterinary Drugs Comprehensive Mix - Submix 6</p>	<p>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.</p> <p>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.</p>
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SECTION 4: First aid measures

Veterinary Drugs Comprehensive Mix - Submix 7	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.
Veterinary Drugs Comprehensive Mix - Submix 8	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.
Veterinary Drugs Comprehensive Mix - Submix 9	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.
Veterinary Drugs Comprehensive Mix - Submix 11	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.
Inhalation	
: Veterinary Drugs Comprehensive Mix - Submix 4	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 necessary, call a poison center or physician. 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.
Veterinary Drugs Comprehensive Mix - Submix 6	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 necessary, call a poison center or physician. 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.
Veterinary Drugs Comprehensive Mix - Submix 7	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 necessary, call a poison center or physician. 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

SECTION 4: First aid measures

Veterinary Drugs
Comprehensive Mix -
Submix 8

person may need to be kept under medical surveillance for 48 hours.
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 necessary, call a poison center or physician. 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.

Veterinary Drugs
Comprehensive Mix -
Submix 9

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 necessary, call a poison center or physician. 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.

Veterinary Drugs
Comprehensive Mix -
Submix 11

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 necessary, call a poison center or physician. 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.

Skin contact

: Veterinary Drugs
Comprehensive Mix -
Submix 4

Wash with plenty of soap and 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 if adverse health effects persist or are severe. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Veterinary Drugs
Comprehensive Mix -
Submix 6

Wash with plenty of soap and 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 if adverse health effects persist or are severe. If necessary,

SECTION 4: First aid measures

	Veterinary Drugs Comprehensive Mix - Submix 7	call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse. Wash with plenty of soap and 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 if adverse health effects persist or are severe. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	Veterinary Drugs Comprehensive Mix - Submix 8	Wash with plenty of soap and 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 if adverse health effects persist or are severe. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	Veterinary Drugs Comprehensive Mix - Submix 9	Wash with plenty of soap and 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 if adverse health effects persist or are severe. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	Veterinary Drugs Comprehensive Mix - Submix 11	Wash with plenty of soap and 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 if adverse health effects persist or are severe. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Veterinary Drugs Comprehensive Mix - Submix 4	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 necessary, call a poison center or physician. 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.
	Veterinary Drugs Comprehensive Mix - Submix 6	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 necessary, call a poison center or physician. 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.
	Veterinary Drugs Comprehensive Mix - Submix 7	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

SECTION 4: First aid measures

	<p>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 necessary, call a poison center or physician. 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.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 8</p>	<p>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 necessary, call a poison center or physician. 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.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 9</p>	<p>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 necessary, call a poison center or physician. 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.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 11</p>	<p>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 necessary, call a poison center or physician. 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.</p>
<p>Protection of first-aiders :</p>	<p>Veterinary Drugs Comprehensive Mix - Submix 4</p> <p>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.</p>
	<p>Veterinary Drugs Comprehensive Mix -</p> <p>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</p>

SECTION 4: First aid measures

Submix 6	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.
Veterinary Drugs Comprehensive Mix - Submix 7	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.
Veterinary Drugs Comprehensive Mix - Submix 8	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.
Veterinary Drugs Comprehensive Mix - Submix 9	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.
Veterinary Drugs Comprehensive Mix - Submix 11	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.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact	:	Veterinary Drugs Comprehensive Mix - Submix 4	Causes serious eye irritation.
		Veterinary Drugs Comprehensive Mix - Submix 6	Causes serious eye irritation.
		Veterinary Drugs Comprehensive Mix - Submix 7	Causes serious eye irritation.
		Veterinary Drugs Comprehensive Mix - Submix 8	Causes serious eye irritation.
		Veterinary Drugs Comprehensive Mix - Submix 9	Causes serious eye irritation.
		Veterinary Drugs Comprehensive Mix - Submix 11	Causes serious eye irritation.

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Inhalation	:	Veterinary Drugs Comprehensive Mix - Submix 4	Harmful if inhaled.	
		Veterinary Drugs Comprehensive Mix - Submix 6	Harmful if inhaled.	
		Veterinary Drugs Comprehensive Mix - Submix 7	Harmful if inhaled.	
		Veterinary Drugs Comprehensive Mix - Submix 8	Harmful if inhaled.	
		Veterinary Drugs Comprehensive Mix - Submix 9	Harmful if inhaled.	
		Veterinary Drugs Comprehensive Mix - Submix 11	Harmful if inhaled.	
	Skin contact	:	Veterinary Drugs Comprehensive Mix - Submix 4	Harmful in contact with skin.
			Veterinary Drugs Comprehensive Mix - Submix 6	Harmful in contact with skin.
			Veterinary Drugs Comprehensive Mix - Submix 7	Harmful in contact with skin.
			Veterinary Drugs Comprehensive Mix - Submix 8	Harmful in contact with skin.
			Veterinary Drugs Comprehensive Mix - Submix 9	Harmful in contact with skin.
		Veterinary Drugs Comprehensive Mix - Submix 11	Harmful in contact with skin.	
Ingestion		:	Veterinary Drugs Comprehensive Mix - Submix 4	Harmful if swallowed.
			Veterinary Drugs Comprehensive Mix - Submix 6	Harmful if swallowed.
			Veterinary Drugs Comprehensive Mix - Submix 7	Harmful if swallowed.
			Veterinary Drugs Comprehensive Mix - Submix 8	Harmful if swallowed.
			Veterinary Drugs Comprehensive Mix - Submix 9	Harmful if swallowed.
		Veterinary Drugs Comprehensive Mix - Submix 11	Harmful if swallowed.	

Over-exposure signs/symptoms

SECTION 4: First aid measures

Eye contact	: Veterinary Drugs Comprehensive Mix - Submix 4	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 6	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 7	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 8	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 9	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 11	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Veterinary Drugs Comprehensive Mix - Submix 4	No specific data.
	Veterinary Drugs Comprehensive Mix - Submix 6	No specific data.
	Veterinary Drugs Comprehensive Mix - Submix 7	No specific data.
	Veterinary Drugs Comprehensive Mix - Submix 8	No specific data.
	Veterinary Drugs Comprehensive Mix - Submix 9	No specific data.
	Veterinary Drugs Comprehensive Mix - Submix 11	No specific data.

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Skin contact : Veterinary Drugs Comprehensive Mix - Submix 4 No specific data.
 Veterinary Drugs Comprehensive Mix - Submix 6 No specific data.
 Veterinary Drugs Comprehensive Mix - Submix 7 No specific data.
 Veterinary Drugs Comprehensive Mix - Submix 8 No specific data.
 Veterinary Drugs Comprehensive Mix - Submix 9 No specific data.
 Veterinary Drugs Comprehensive Mix - Submix 11 No specific data.

Ingestion : Veterinary Drugs Comprehensive Mix - Submix 4 No specific data.
 Veterinary Drugs Comprehensive Mix - Submix 6 No specific data.
 Veterinary Drugs Comprehensive Mix - Submix 7 No specific data.
 Veterinary Drugs Comprehensive Mix - Submix 8 No specific data.
 Veterinary Drugs Comprehensive Mix - Submix 9 No specific data.
 Veterinary Drugs Comprehensive Mix - Submix 11 No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : Veterinary Drugs Comprehensive Mix - Submix 4 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.
 Veterinary Drugs Comprehensive Mix - Submix 6 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.
 Veterinary Drugs Comprehensive Mix - Submix 7 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.
 Veterinary Drugs Comprehensive Mix - Submix 8 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.
 Veterinary Drugs Comprehensive Mix - Submix 9 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.
 Veterinary Drugs Comprehensive Mix - Submix 11 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.

SECTION 4: First aid measures

Specific treatments	: Veterinary Drugs Comprehensive Mix - Submix 4	No specific treatment.
	Veterinary Drugs Comprehensive Mix - Submix 6	No specific treatment.
	Veterinary Drugs Comprehensive Mix - Submix 7	No specific treatment.
	Veterinary Drugs Comprehensive Mix - Submix 8	No specific treatment.
	Veterinary Drugs Comprehensive Mix - Submix 9	No specific treatment.
	Veterinary Drugs Comprehensive Mix - Submix 11	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Veterinary Drugs Comprehensive Mix - Submix 4	Use dry chemical, CO ₂ , water spray (fog) or foam.
	Veterinary Drugs Comprehensive Mix - Submix 6	Use dry chemical, CO ₂ , water spray (fog) or foam.
	Veterinary Drugs Comprehensive Mix - Submix 7	Use dry chemical, CO ₂ , water spray (fog) or foam.
	Veterinary Drugs Comprehensive Mix - Submix 8	Use dry chemical, CO ₂ , water spray (fog) or foam.
	Veterinary Drugs Comprehensive Mix - Submix 9	Use dry chemical, CO ₂ , water spray (fog) or foam.
	Veterinary Drugs Comprehensive Mix - Submix 11	Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	: Veterinary Drugs Comprehensive Mix - Submix 4	Do not use water jet.
	Veterinary Drugs Comprehensive Mix - Submix 6	Do not use water jet.
	Veterinary Drugs Comprehensive Mix - Submix 7	Do not use water jet.
	Veterinary Drugs Comprehensive Mix - Submix 8	Do not use water jet.
	Veterinary Drugs Comprehensive Mix - Submix 9	Do not use water jet.
	Veterinary Drugs Comprehensive Mix - Submix 11	Do not use water jet.

SECTION 5: Firefighting measures

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture

: Veterinary Drugs Comprehensive Mix - Submix 4

Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. This material is very toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Veterinary Drugs Comprehensive Mix - Submix 6

Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. This material is very toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Veterinary Drugs Comprehensive Mix - Submix 7

Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

Veterinary Drugs Comprehensive Mix - Submix 8

Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Veterinary Drugs Comprehensive Mix - Submix 9

Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

Veterinary Drugs Comprehensive Mix - Submix 11

Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

Hazardous combustion products

: Veterinary Drugs Comprehensive Mix - Submix 4

Decomposition products may include the following materials:

carbon dioxide
carbon monoxide
nitrogen oxides
cyanides

Veterinary Drugs Comprehensive Mix - Submix 6

Decomposition products may include the following materials:

SECTION 5: Firefighting measures

Veterinary Drugs Comprehensive Mix - Submix 7	carbon dioxide carbon monoxide nitrogen oxides cyanides Decomposition products may include the following materials:
Veterinary Drugs Comprehensive Mix - Submix 8	carbon dioxide carbon monoxide nitrogen oxides cyanides Decomposition products may include the following materials:
Veterinary Drugs Comprehensive Mix - Submix 9	carbon dioxide carbon monoxide nitrogen oxides cyanides Decomposition products may include the following materials:
Veterinary Drugs Comprehensive Mix - Submix 11	carbon dioxide carbon monoxide nitrogen oxides cyanides Decomposition products may include the following materials:

5.3 Advice for firefighters

Special precautions for fire-fighters

: Veterinary Drugs Comprehensive Mix - Submix 4	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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Veterinary Drugs Comprehensive Mix - Submix 6	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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Veterinary Drugs Comprehensive Mix - Submix 7	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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Veterinary Drugs Comprehensive Mix - Submix 8	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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Veterinary Drugs Comprehensive Mix - Submix 9	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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Veterinary Drugs	Promptly isolate the scene by removing all persons from the

SECTION 5: Firefighting measures

Special protective equipment for fire-fighters

Comprehensive Mix - Submix 11	vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
: Veterinary Drugs Comprehensive Mix - Submix 4	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.
Veterinary Drugs Comprehensive Mix - Submix 6	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.
Veterinary Drugs Comprehensive Mix - Submix 7	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.
Veterinary Drugs Comprehensive Mix - Submix 8	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.
Veterinary Drugs Comprehensive Mix - Submix 9	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.
Veterinary Drugs Comprehensive Mix - Submix 11	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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: Veterinary Drugs Comprehensive Mix - Submix 4	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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Veterinary Drugs Comprehensive Mix - Submix 6	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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

SECTION 6: Accidental release measures

Veterinary Drugs Comprehensive Mix - Submix 7	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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Veterinary Drugs Comprehensive Mix - Submix 8	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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Veterinary Drugs Comprehensive Mix - Submix 9	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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Veterinary Drugs Comprehensive Mix - Submix 11	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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders : Veterinary Drugs Comprehensive Mix - Submix 4	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".
Veterinary Drugs Comprehensive Mix - Submix 6	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".
Veterinary Drugs Comprehensive Mix - Submix 7	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".
Veterinary Drugs Comprehensive Mix - Submix 8	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".
Veterinary Drugs Comprehensive Mix - Submix 9	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".
Veterinary Drugs Comprehensive Mix - Submix 11	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".

SECTION 6: Accidental release measures

6.2 Environmental precautions	: Veterinary Drugs Comprehensive Mix - Submix 4	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).
	Veterinary Drugs Comprehensive Mix - Submix 6	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). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
	Veterinary Drugs Comprehensive Mix - Submix 7	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).
	Veterinary Drugs Comprehensive Mix - Submix 8	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). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
	Veterinary Drugs Comprehensive Mix - Submix 9	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).
	Veterinary Drugs Comprehensive Mix - Submix 11	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).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	: Veterinary Drugs Comprehensive Mix - Submix 4	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.
	Veterinary Drugs Comprehensive Mix - Submix 6	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.
	Veterinary Drugs Comprehensive Mix - Submix 7	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.
	Veterinary Drugs Comprehensive Mix - Submix 8	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.
	Veterinary Drugs Comprehensive Mix - Submix 9	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.
	Veterinary Drugs	Stop leak if without risk. Move containers from spill area.

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SECTION 6: Accidental release measures

Comprehensive Mix - Submix 11 Use spark-proof tools and explosion-proof equipment. 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 : Veterinary Drugs Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Comprehensive Mix - Submix 4

Veterinary Drugs Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Comprehensive Mix - Submix 6

Veterinary Drugs Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Comprehensive Mix - Submix 7

Veterinary Drugs Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Comprehensive Mix - Submix 8

SECTION 7: Handling and storage

		<p>appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.</p>
	Veterinary Drugs Comprehensive Mix - Submix 9	<p>Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.</p>
	Veterinary Drugs Comprehensive Mix - Submix 11	<p>Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.</p>
Advice on general occupational hygiene	: Veterinary Drugs Comprehensive Mix - Submix 4	<p>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.</p>
	Veterinary Drugs Comprehensive Mix - Submix 6	<p>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.</p>
	Veterinary Drugs Comprehensive Mix - Submix 7	<p>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.</p>
	Veterinary Drugs Comprehensive Mix - Submix 8	<p>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,</p>

SECTION 7: Handling and storage

Veterinary Drugs
Comprehensive Mix -
Submix 9

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. 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.

Veterinary Drugs
Comprehensive Mix -
Submix 11

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

: Veterinary Drugs
Comprehensive Mix -
Submix 4

Store between the following temperatures: 0 to 4°C (32 to 39.2°F). Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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.

Veterinary Drugs
Comprehensive Mix -
Submix 6

Store between the following temperatures: 0 to 4°C (32 to 39.2°F). Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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.

Veterinary Drugs
Comprehensive Mix -
Submix 7

Store between the following temperatures: 0 to 4°C (32 to 39.2°F). Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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.

Veterinary Drugs
Comprehensive Mix -
Submix 8

Store between the following temperatures: 0 to 4°C (32 to 39.2°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see

SECTION 7: Handling and storage

Veterinary Drugs
Comprehensive Mix -
Submix 9

Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. 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.

Store between the following temperatures: 0 to 4°C (32 to 39.2°F). Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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.

Veterinary Drugs
Comprehensive Mix -
Submix 11

Store between the following temperatures: 0 to 4°C (32 to 39.2°F). Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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.

Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
Veterinary Drugs Comprehensive Mix - Submix 4 P5c	5000	50000
Veterinary Drugs Comprehensive Mix - Submix 6 P5c E1	5000 100	50000 200
Veterinary Drugs Comprehensive Mix - Submix 7 P5c	5000	50000
Veterinary Drugs Comprehensive Mix - Submix 8 P5c E2	5000 200	50000 500
Veterinary Drugs Comprehensive Mix - Submix 9 P5c	5000	50000
Veterinary Drugs Comprehensive Mix - Submix 11 P5c	5000	50000

7.3 Specific end use(s)

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Recommendations	: Veterinary Drugs Comprehensive Mix - Submix 4	Industrial applications, Professional applications.
	Veterinary Drugs Comprehensive Mix - Submix 6	Industrial applications, Professional applications.
	Veterinary Drugs Comprehensive Mix - Submix 7	Industrial applications, Professional applications.
	Veterinary Drugs Comprehensive Mix - Submix 8	Industrial applications, Professional applications.
	Veterinary Drugs Comprehensive Mix - Submix 9	Industrial applications, Professional applications.
	Veterinary Drugs Comprehensive Mix - Submix 11	Industrial applications, Professional applications.
Industrial sector specific solutions	: Veterinary Drugs Comprehensive Mix - Submix 4	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 9	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 11	Not applicable.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Veterinary Drugs Comprehensive Mix - Submix 4 Acetonitrile	EH40/2005 WELs (United Kingdom (UK), 12/2011). STEL: 102 mg/m ³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 40 ppm 8 hours. TWA: 68 mg/m ³ 8 hours.
Veterinary Drugs Comprehensive Mix - Submix 6 Acetonitrile	EH40/2005 WELs (United Kingdom (UK), 12/2011). STEL: 102 mg/m ³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 40 ppm 8 hours. TWA: 68 mg/m ³ 8 hours.

SECTION 8: Exposure controls/personal protection

Veterinary Drugs Comprehensive Mix - Submix 7 Acetonitrile	EH40/2005 WELs (United Kingdom (UK), 12/2011). STEL: 102 mg/m ³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 40 ppm 8 hours. TWA: 68 mg/m ³ 8 hours.
Veterinary Drugs Comprehensive Mix - Submix 8 Acetonitrile	EH40/2005 WELs (United Kingdom (UK), 12/2011). STEL: 102 mg/m ³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 40 ppm 8 hours. TWA: 68 mg/m ³ 8 hours.
Veterinary Drugs Comprehensive Mix - Submix 9 Acetonitrile	EH40/2005 WELs (United Kingdom (UK), 12/2011). STEL: 102 mg/m ³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 40 ppm 8 hours. TWA: 68 mg/m ³ 8 hours.
Veterinary Drugs Comprehensive Mix - Submix 11 Acetonitrile	EH40/2005 WELs (United Kingdom (UK), 12/2011). STEL: 102 mg/m ³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 40 ppm 8 hours. TWA: 68 mg/m ³ 8 hours.

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

: Use only with adequate ventilation. 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

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: chemical splash goggles.
- Skin protection**
- Hand protection** : When used as intended with Agilent instruments, use of the product is not expected to result in direct contact with the chemical. However, in case of accidental contact with splash wear good quality:
Submix 1, 3A, 5:
Glove material: Chloroprene rubber
Glove thickness: ≥ 0.5 mm
Breakthrough time: >30 minutes
Submix 2, 3B, 4, 6-11:
Glove material: Butyl rubber
Glove thickness: ≥ 0.2 mm
Breakthrough time: >30 minutes
While not recommended, if typical disposable laboratory nitrile gloves are used, they need to be removed immediately if contacted with the mixture. When contacted with the product, typical laboratory nitrile gloves have very short breakthrough times, considerably less than 10 minutes.
- 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** : When used as intended with Agilent instruments, the use of the product under normal laboratory conditions and with standard practices does not result in significant airborne exposures, and, therefore, respiratory protection isn't needed. In emergency situations, when a respirator is needed, use a full-face supplied air respirator and components tested and approved under appropriate government standards such as CEN (EU) or NIOSH (US).
- 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	: Veterinary Drugs Comprehensive Mix - Submix 4	Liquid.
	Veterinary Drugs Comprehensive Mix - Submix 6	Liquid.
	Veterinary Drugs Comprehensive Mix - Submix 7	Liquid.
	Veterinary Drugs Comprehensive Mix -	Liquid.

SECTION 9: Physical and chemical properties

	Submix 8	
	Veterinary Drugs Comprehensive Mix - Submix 8	Liquid.
	Submix 9	
	Veterinary Drugs Comprehensive Mix - Submix 9	Liquid.
	Submix 11	
Colour	: Veterinary Drugs Comprehensive Mix - Submix 4	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 9	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 11	Not available.
Odour	: Veterinary Drugs Comprehensive Mix - Submix 4	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 9	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 11	Not available.
Odour threshold	: Veterinary Drugs Comprehensive Mix - Submix 4	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 9	Not available.
	Veterinary Drugs	Not available.

SECTION 9: Physical and chemical properties

	Comprehensive Mix - Submix 11	
pH	: Veterinary Drugs Comprehensive Mix - Submix 4	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 9	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 11	Not available.
Melting point/freezing point	: Veterinary Drugs Comprehensive Mix - Submix 4	-46°C
	Veterinary Drugs Comprehensive Mix - Submix 6	-46°C
	Veterinary Drugs Comprehensive Mix - Submix 7	-46°C
	Veterinary Drugs Comprehensive Mix - Submix 8	-46°C
	Veterinary Drugs Comprehensive Mix - Submix 9	-46°C
	Veterinary Drugs Comprehensive Mix - Submix 11	-46°C
Initial boiling point and boiling range	: Veterinary Drugs Comprehensive Mix - Submix 4	82°C
	Veterinary Drugs Comprehensive Mix - Submix 6	82°C
	Veterinary Drugs Comprehensive Mix - Submix 7	82°C
	Veterinary Drugs Comprehensive Mix - Submix 8	82°C
	Veterinary Drugs Comprehensive Mix - Submix 9	82°C
	Veterinary Drugs Comprehensive Mix - Submix 11	82°C

SECTION 9: Physical and chemical properties

Flash point	: Veterinary Drugs Comprehensive Mix - Submix 4	Closed cup: 12.8°C	
	: Veterinary Drugs Comprehensive Mix - Submix 6	Closed cup: 12.8°C	
	: Veterinary Drugs Comprehensive Mix - Submix 7	Closed cup: 12.8°C	
	: Veterinary Drugs Comprehensive Mix - Submix 8	Closed cup: 12.8°C	
	: Veterinary Drugs Comprehensive Mix - Submix 9	Closed cup: 12.8°C	
	: Veterinary Drugs Comprehensive Mix - Submix 11	Closed cup: 12.8°C	
	Evaporation rate	: Veterinary Drugs Comprehensive Mix - Submix 4	2.33 (butyl acetate = 1)
		: Veterinary Drugs Comprehensive Mix - Submix 6	2.33 (butyl acetate = 1)
		: Veterinary Drugs Comprehensive Mix - Submix 7	2.33 (butyl acetate = 1)
		: Veterinary Drugs Comprehensive Mix - Submix 8	2.33 (butyl acetate = 1)
		: Veterinary Drugs Comprehensive Mix - Submix 9	2.33 (butyl acetate = 1)
: Veterinary Drugs Comprehensive Mix - Submix 11		2.33 (butyl acetate = 1)	
Flammability (solid, gas)		: Veterinary Drugs Comprehensive Mix - Submix 4	Not applicable.
		: Veterinary Drugs Comprehensive Mix - Submix 6	Not applicable.
		: Veterinary Drugs Comprehensive Mix - Submix 7	Not applicable.
		: Veterinary Drugs Comprehensive Mix - Submix 8	Not applicable.
		: Veterinary Drugs Comprehensive Mix - Submix 9	Not applicable.
	: Veterinary Drugs Comprehensive Mix - Submix 11	Not applicable.	

SECTION 9: Physical and chemical properties

Upper/lower flammability or explosive limits	:	Veterinary Drugs Comprehensive Mix - Submix 4	Lower: 3%
		Veterinary Drugs Comprehensive Mix - Submix 6	Upper: 16% Lower: 3%
		Veterinary Drugs Comprehensive Mix - Submix 7	Upper: 16% Lower: 3%
		Veterinary Drugs Comprehensive Mix - Submix 8	Upper: 16% Lower: 3%
		Veterinary Drugs Comprehensive Mix - Submix 9	Upper: 16% Lower: 3%
		Veterinary Drugs Comprehensive Mix - Submix 11	Upper: 16% Lower: 3%
Vapour pressure	:	Veterinary Drugs Comprehensive Mix - Submix 4	9.7 kPa [room temperature]
		Veterinary Drugs Comprehensive Mix - Submix 6	9.7 kPa [room temperature]
		Veterinary Drugs Comprehensive Mix - Submix 7	9.7 kPa [room temperature]
		Veterinary Drugs Comprehensive Mix - Submix 8	9.7 kPa [room temperature]
		Veterinary Drugs Comprehensive Mix - Submix 9	9.7 kPa [room temperature]
		Veterinary Drugs Comprehensive Mix - Submix 11	9.7 kPa [room temperature]
Vapour density	:	Veterinary Drugs Comprehensive Mix - Submix 4	1.4 [Air = 1]
		Veterinary Drugs Comprehensive Mix - Submix 6	1.4 [Air = 1]
		Veterinary Drugs Comprehensive Mix - Submix 7	1.4 [Air = 1]
		Veterinary Drugs Comprehensive Mix - Submix 8	1.4 [Air = 1]
		Veterinary Drugs Comprehensive Mix - Submix 9	1.4 [Air = 1]
		Veterinary Drugs Comprehensive Mix - Submix 11	1.4 [Air = 1]

SECTION 9: Physical and chemical properties

		Submix 11	
Relative density	:	Veterinary Drugs Comprehensive Mix - Submix 4	0.8
		Veterinary Drugs Comprehensive Mix - Submix 6	0.8
		Veterinary Drugs Comprehensive Mix - Submix 7	0.8
		Veterinary Drugs Comprehensive Mix - Submix 8	0.8
		Veterinary Drugs Comprehensive Mix - Submix 9	0.8
		Veterinary Drugs Comprehensive Mix - Submix 11	0.8
Solubility(ies)	:	Veterinary Drugs Comprehensive Mix - Submix 4	Soluble in the following materials: cold water and hot water.
		Veterinary Drugs Comprehensive Mix - Submix 6	Soluble in the following materials: cold water and hot water.
		Veterinary Drugs Comprehensive Mix - Submix 7	Soluble in the following materials: cold water and hot water.
		Veterinary Drugs Comprehensive Mix - Submix 8	Soluble in the following materials: cold water and hot water.
		Veterinary Drugs Comprehensive Mix - Submix 9	Soluble in the following materials: cold water and hot water.
		Veterinary Drugs Comprehensive Mix - Submix 11	Soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	:	Veterinary Drugs Comprehensive Mix - Submix 4	Not available.
		Veterinary Drugs Comprehensive Mix - Submix 6	Not available.
		Veterinary Drugs Comprehensive Mix - Submix 7	Not available.
		Veterinary Drugs Comprehensive Mix - Submix 8	Not available.
		Veterinary Drugs Comprehensive Mix - Submix 9	Not available.
		Veterinary Drugs Comprehensive Mix - Submix 11	Not available.

SECTION 9: Physical and chemical properties

Auto-ignition temperature	: Veterinary Drugs Comprehensive Mix - Submix 4	524°C
	Veterinary Drugs Comprehensive Mix - Submix 6	524°C
	Veterinary Drugs Comprehensive Mix - Submix 7	524°C
	Veterinary Drugs Comprehensive Mix - Submix 8	524°C
	Veterinary Drugs Comprehensive Mix - Submix 9	524°C
	Veterinary Drugs Comprehensive Mix - Submix 11	524°C
Decomposition temperature	: Veterinary Drugs Comprehensive Mix - Submix 4	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 9	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 11	Not available.
Viscosity	: Veterinary Drugs Comprehensive Mix - Submix 4	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 9	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 11	Not available.

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SECTION 9: Physical and chemical properties

Explosive properties	:	Veterinary Drugs Comprehensive Mix - Submix 4	Not available.	
		Veterinary Drugs Comprehensive Mix - Submix 6	Not available.	
		Veterinary Drugs Comprehensive Mix - Submix 7	Not available.	
		Veterinary Drugs Comprehensive Mix - Submix 8	Not available.	
		Veterinary Drugs Comprehensive Mix - Submix 9	Not available.	
		Veterinary Drugs Comprehensive Mix - Submix 11	Not available.	
	Oxidising properties	:	Veterinary Drugs Comprehensive Mix - Submix 4	Not available.
			Veterinary Drugs Comprehensive Mix - Submix 6	Not available.
			Veterinary Drugs Comprehensive Mix - Submix 7	Not available.
			Veterinary Drugs Comprehensive Mix - Submix 8	Not available.
			Veterinary Drugs Comprehensive Mix - Submix 9	Not available.
		Veterinary Drugs Comprehensive Mix - Submix 11	Not available.	

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity	:	Veterinary Drugs Comprehensive Mix - Submix 4	No specific test data related to reactivity available for this product or its ingredients.
		Veterinary Drugs Comprehensive Mix - Submix 6	No specific test data related to reactivity available for this product or its ingredients.
		Veterinary Drugs Comprehensive Mix - Submix 7	No specific test data related to reactivity available for this product or its ingredients.
		Veterinary Drugs Comprehensive Mix - Submix 8	No specific test data related to reactivity available for this product or its ingredients.
		Veterinary Drugs Comprehensive Mix - Submix 9	No specific test data related to reactivity available for this product or its ingredients.
		Veterinary Drugs Comprehensive Mix -	No specific test data related to reactivity available for this product or its ingredients.

SECTION 10: Stability and reactivity

Submix 11

10.2 Chemical stability	: Veterinary Drugs Comprehensive Mix - Submix 4	The product is stable.
	Veterinary Drugs Comprehensive Mix - Submix 6	The product is stable.
	Veterinary Drugs Comprehensive Mix - Submix 7	The product is stable.
	Veterinary Drugs Comprehensive Mix - Submix 8	The product is stable.
	Veterinary Drugs Comprehensive Mix - Submix 9	The product is stable.
	Veterinary Drugs Comprehensive Mix - Submix 11	The product is stable.
10.3 Possibility of hazardous reactions	: Veterinary Drugs Comprehensive Mix - Submix 4	Under normal conditions of storage and use, hazardous reactions will not occur.
	Veterinary Drugs Comprehensive Mix - Submix 6	Under normal conditions of storage and use, hazardous reactions will not occur.
	Veterinary Drugs Comprehensive Mix - Submix 7	Under normal conditions of storage and use, hazardous reactions will not occur.
	Veterinary Drugs Comprehensive Mix - Submix 8	Under normal conditions of storage and use, hazardous reactions will not occur.
	Veterinary Drugs Comprehensive Mix - Submix 9	Under normal conditions of storage and use, hazardous reactions will not occur.
	Veterinary Drugs Comprehensive Mix - Submix 11	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: Veterinary Drugs Comprehensive Mix - Submix 4	Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapour to accumulate in low or confined areas.
	Veterinary Drugs Comprehensive Mix - Submix 6	Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapour to accumulate in low or confined areas.
	Veterinary Drugs Comprehensive Mix - Submix 7	Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapour to accumulate in low or confined areas.
	Veterinary Drugs Comprehensive Mix - Submix 8	Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapour to accumulate in low or confined areas.
	Veterinary Drugs Comprehensive Mix - Submix 9	Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapour

SECTION 10: Stability and reactivity

	Veterinary Drugs Comprehensive Mix - Submix 11	to accumulate in low or confined areas. Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapour to accumulate in low or confined areas.
10.5 Incompatible materials	: Veterinary Drugs Comprehensive Mix - Submix 4	Reactive or incompatible with the following materials: oxidizing materials
	Veterinary Drugs Comprehensive Mix - Submix 6	Reactive or incompatible with the following materials: oxidizing materials
	Veterinary Drugs Comprehensive Mix - Submix 7	Reactive or incompatible with the following materials: oxidizing materials
	Veterinary Drugs Comprehensive Mix - Submix 8	Reactive or incompatible with the following materials: oxidizing materials
	Veterinary Drugs Comprehensive Mix - Submix 9	Reactive or incompatible with the following materials: oxidizing materials
	Veterinary Drugs Comprehensive Mix - Submix 11	Reactive or incompatible with the following materials: oxidizing materials
10.6 Hazardous decomposition products	: Veterinary Drugs Comprehensive Mix - Submix 4	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Veterinary Drugs Comprehensive Mix - Submix 6	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Veterinary Drugs Comprehensive Mix - Submix 7	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Veterinary Drugs Comprehensive Mix - Submix 8	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Veterinary Drugs Comprehensive Mix - Submix 9	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Veterinary Drugs Comprehensive Mix - Submix 11	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

SECTION 11: Toxicological information

Product/ingredient name	Result	Species	Dose	Exposure
Veterinary Drugs Comprehensive Mix - Submix 4 Acetonitrile	LC50 Inhalation Vapour LD50 Oral	Rat Rat	17100 ppm 2460 mg/kg	4 hours -
Veterinary Drugs Comprehensive Mix - Submix 6 Acetonitrile methyltestosterone ethinylestradiol Estradiol	LC50 Inhalation Vapour LD50 Oral LD50 Oral LD50 Oral LD50 Oral	Rat Rat Rat Rat Rat	17100 ppm 2460 mg/kg 2500 mg/kg 960 mg/kg >5000 mg/kg	4 hours - - - -
Veterinary Drugs Comprehensive Mix - Submix 7 Acetonitrile	LC50 Inhalation Vapour LD50 Oral	Rat Rat	17100 ppm 2460 mg/kg	4 hours -
Veterinary Drugs Comprehensive Mix - Submix 8 Acetonitrile ibuprofen	LC50 Inhalation Vapour LD50 Oral LD50 Oral	Rat Rat Rat	17100 ppm 2460 mg/kg 636 mg/kg	4 hours - -
Veterinary Drugs Comprehensive Mix - Submix 9 Acetonitrile	LC50 Inhalation Vapour LD50 Oral	Rat Rat	17100 ppm 2460 mg/kg	4 hours -
Veterinary Drugs Comprehensive Mix - Submix 11 Acetonitrile	LC50 Inhalation Vapour LD50 Oral	Rat Rat	17100 ppm 2460 mg/kg	4 hours -

Acute toxicity estimates

Route	ATE value
Veterinary Drugs Comprehensive Mix - Submix 4 Oral Dermal Inhalation (vapours)	500.1 mg/kg 1100.3 mg/kg 11 mg/l
Veterinary Drugs Comprehensive Mix - Submix 6 Oral Dermal Inhalation (vapours)	501.4 mg/kg 1103.1 mg/kg 11.03 mg/l
Veterinary Drugs Comprehensive Mix - Submix 7 Oral Dermal Inhalation (vapours)	500.4 mg/kg 1101 mg/kg 11.01 mg/l
Veterinary Drugs Comprehensive Mix - Submix 8	

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SECTION 11: Toxicological information

Oral	500.8 mg/kg
Dermal	1101.7 mg/kg
Inhalation (vapours)	11.02 mg/l
Veterinary Drugs Comprehensive Mix - Submix 9	
Oral	500.1 mg/kg
Dermal	1100.3 mg/kg
Inhalation (vapours)	11 mg/l
Veterinary Drugs Comprehensive Mix - Submix 11	
Oral	500.1 mg/kg
Dermal	1100.1 mg/kg
Inhalation (vapours)	11 mg/l

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Veterinary Drugs Comprehensive Mix - Submix 4 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
Veterinary Drugs Comprehensive Mix - Submix 6 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
Veterinary Drugs Comprehensive Mix - Submix 7 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
Veterinary Drugs Comprehensive Mix - Submix 8 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
Veterinary Drugs Comprehensive Mix - Submix 9 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
Veterinary Drugs Comprehensive Mix - Submix 11 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-

Veterinary Drugs Comprehensive Mix - Box 2 of 2, Part Number 5190-0554A

SECTION 11: Toxicological information

	Skin - Mild irritant	Rabbit	-	microliters 500 milligrams	-
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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)

Product/ingredient name	Category	Route of exposure	Target organs
Veterinary Drugs Comprehensive Mix - Submix 6 diethylstilbestrol	Category 3	Not applicable.	Respiratory tract irritation
Veterinary Drugs Comprehensive Mix - Submix 8 ibuprofen	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure

Veterinary Drugs Comprehensive Mix - Submix 4	Routes of entry anticipated: Oral, Dermal, Inhalation.
Veterinary Drugs Comprehensive Mix - Submix 6	Routes of entry anticipated: Oral, Dermal, Inhalation.
Veterinary Drugs Comprehensive Mix - Submix 7	Routes of entry anticipated: Oral, Dermal, Inhalation.
Veterinary Drugs Comprehensive Mix - Submix 8	Routes of entry anticipated: Oral, Dermal, Inhalation.
Veterinary Drugs Comprehensive Mix - Submix 9	Routes of entry anticipated: Oral, Dermal, Inhalation.
Veterinary Drugs Comprehensive Mix - Submix 11	Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

Inhalation	Veterinary Drugs Comprehensive Mix - Submix 4	Harmful if inhaled.
	Veterinary Drugs Comprehensive Mix - Submix 6	Harmful if inhaled.
	Veterinary Drugs	Harmful if inhaled.

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	Comprehensive Mix - Submix 7	
	Veterinary Drugs Comprehensive Mix - Submix 8	Harmful if inhaled.
	Veterinary Drugs Comprehensive Mix - Submix 9	Harmful if inhaled.
	Veterinary Drugs Comprehensive Mix - Submix 11	Harmful if inhaled.
Ingestion	: Veterinary Drugs Comprehensive Mix - Submix 4	Harmful if swallowed.
	Veterinary Drugs Comprehensive Mix - Submix 6	Harmful if swallowed.
	Veterinary Drugs Comprehensive Mix - Submix 7	Harmful if swallowed.
	Veterinary Drugs Comprehensive Mix - Submix 8	Harmful if swallowed.
	Veterinary Drugs Comprehensive Mix - Submix 9	Harmful if swallowed.
	Veterinary Drugs Comprehensive Mix - Submix 11	Harmful if swallowed.
Skin contact	: Veterinary Drugs Comprehensive Mix - Submix 4	Harmful in contact with skin.
	Veterinary Drugs Comprehensive Mix - Submix 6	Harmful in contact with skin.
	Veterinary Drugs Comprehensive Mix - Submix 7	Harmful in contact with skin.
	Veterinary Drugs Comprehensive Mix - Submix 8	Harmful in contact with skin.
	Veterinary Drugs Comprehensive Mix - Submix 9	Harmful in contact with skin.
	Veterinary Drugs Comprehensive Mix - Submix 11	Harmful in contact with skin.
Eye contact	: Veterinary Drugs Comprehensive Mix - Submix 4	Causes serious eye irritation.
	Veterinary Drugs Comprehensive Mix - Submix 6	Causes serious eye irritation.
	Veterinary Drugs Comprehensive Mix - Submix 7	Causes serious eye irritation.
	Veterinary Drugs Comprehensive Mix -	Causes serious eye irritation.

SECTION 11: Toxicological information

Submix 8 Veterinary Drugs Comprehensive Mix - Submix 9	Causes serious eye irritation.
Veterinary Drugs Comprehensive Mix - Submix 11	Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation	:	Veterinary Drugs Comprehensive Mix - Submix 4	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 6	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 7	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 8	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 9	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 11	No specific data.
Ingestion	:	Veterinary Drugs Comprehensive Mix - Submix 4	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 6	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 7	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 8	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 9	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 11	No specific data.
Skin contact	:	Veterinary Drugs Comprehensive Mix - Submix 4	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 6	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 7	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 8	No specific data.
		Veterinary Drugs Comprehensive Mix -	No specific data.

SECTION 11: Toxicological information

	Submix 9	No specific data.
	Veterinary Drugs Comprehensive Mix - Submix 11	
Eye contact	: Veterinary Drugs Comprehensive Mix - Submix 4	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 6	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 7	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 8	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 9	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 11	Adverse symptoms may include the following: pain or irritation watering redness

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

SECTION 11: Toxicological information

General	: Veterinary Drugs Comprehensive Mix - Submix 4	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 6	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 7	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 8	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 9	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 11	No known significant effects or critical hazards.
Carcinogenicity	: Veterinary Drugs Comprehensive Mix - Submix 4	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 6	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 7	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 8	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 9	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 11	No known significant effects or critical hazards.
Mutagenicity	: Veterinary Drugs Comprehensive Mix - Submix 4	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 6	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 7	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 8	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 9	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 11	No known significant effects or critical hazards.

SECTION 11: Toxicological information

Teratogenicity	: Veterinary Drugs Comprehensive Mix - Submix 4	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 6	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 7	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 8	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 9	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 11	No known significant effects or critical hazards.
Developmental effects	: Veterinary Drugs Comprehensive Mix - Submix 4	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 6	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 7	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 8	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 9	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 11	No known significant effects or critical hazards.
Fertility effects	: Veterinary Drugs Comprehensive Mix - Submix 4	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 6	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 7	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 8	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 9	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 11	No known significant effects or critical hazards.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Veterinary Drugs Comprehensive Mix - Submix 4			
Acetonitrile	Acute IC50 3685000 µg/l Fresh water Acute LC50 3600000 µg/l Fresh water Acute LC50 1000000 µg/l Fresh water Chronic NOEC 1000000 µg/l Fresh water	Aquatic plants - Lemna minor Daphnia - Daphnia magna Fish - Pimephales promelas Aquatic plants - Lemna minor	96 hours 48 hours 96 hours 96 hours
Malachite green hydrochloride	Chronic NOEC 160000 µg/l Fresh water Acute LC50 30.61 µg/l Marine water Acute LC50 30.5 µg/l Fresh water	Daphnia - Daphnia magna Crustaceans - Penaeus monodon - Zoea Fish - Lepomis macrochirus - Fingerling	21 days 48 hours 96 hours
Veterinary Drugs Comprehensive Mix - Submix 6			
Acetonitrile	Acute IC50 3685000 µg/l Fresh water Acute LC50 3600000 µg/l Fresh water Acute LC50 1000000 µg/l Fresh water Chronic NOEC 1000000 µg/l Fresh water	Aquatic plants - Lemna minor Daphnia - Daphnia magna Fish - Pimephales promelas Aquatic plants - Lemna minor	96 hours 48 hours 96 hours 96 hours
diethylstilbestrol	Chronic NOEC 160000 µg/l Fresh water Acute LC50 1090 µg/l Fresh water Chronic NOEC 10 µg/l Marine water Chronic NOEC 0.1 mg/l Fresh water	Daphnia - Daphnia magna Daphnia - Daphnia magna - Neonate Crustaceans - Tisbe battagliai - Nauplii Daphnia - Daphnia magna - Neonate	21 days 48 hours 21 days 21 days
methyltestosterone	Chronic NOEC 42 ng/L Fresh water	Fish - Danio rerio - Juvenile (Fledgling, Hatchling, Weanling)	40 days
Estra-4,9,11-trien-3-one, 17-hydroxy-, (17β)-ethinylestradiol	Chronic NOEC 10 ng/L Fresh water Acute EC50 0.84 mg/l Fresh water Acute LC50 1.1 mg/l Marine water Acute LC50 1 µl/L Fresh water Chronic EC10 0.054 mg/l Fresh water Chronic NOEC 100 µg/l Marine water Chronic NOEC 10 µg/l Fresh water Chronic NOEC 0.04 ng/L Fresh water Acute EC50 2.04 mg/l Fresh water Acute LC50 1.69 mg/l Marine water Acute LC50 2 ng/L Fresh water Chronic NOEC 6 µg/l Fresh water Chronic NOEC 270 µg/l Fresh water Chronic NOEC 0.42 ng/L Fresh water	Fish - Danio rerio Algae - Scenedesmus subspicatus Crustaceans - Acartia tonsa - Adult Fish - Oryzias latipes Algae - Scenedesmus subspicatus Crustaceans - Tisbe battagliai - Nauplii Daphnia - Daphnia magna Fish - Rutilus rutilus - Embryo Daphnia - Daphnia magna - Neonate Crustaceans - Americamysis bahia - Larvae Fish - Oryzias latipes - Sexually mature Crustaceans - Eurytemora affinis - Nauplii Daphnia - Daphnia magna - Neonate Fish - Oncorhynchus mykiss - Sexually mature	60 days 72 hours 48 hours 96 hours 72 hours 21 days 21 days 720 days 48 hours 48 hours 96 hours 21 days 21 days 21 days 50 days
Estradiol			
Veterinary Drugs			

Veterinary Drugs Comprehensive Mix - Box 2 of 2, Part Number 5190-0554A

SECTION 12: Ecological information

<p>Comprehensive Mix - Submix 7 Acetonitrile</p>	<p>Acute IC50 3685000 µg/l Fresh water Acute LC50 3600000 µg/l Fresh water Acute LC50 1000000 µg/l Fresh water Chronic NOEC 1000000 µg/l Fresh water Chronic NOEC 160000 µg/l Fresh water</p>	<p>Aquatic plants - Lemna minor Daphnia - Daphnia magna Fish - Pimephales promelas Aquatic plants - Lemna minor Daphnia - Daphnia magna</p>	<p>96 hours 48 hours 96 hours 96 hours 21 days</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 8 Acetonitrile</p>	<p>Acute IC50 3685000 µg/l Fresh water Acute LC50 3600000 µg/l Fresh water Acute LC50 1000000 µg/l Fresh water Chronic NOEC 1000000 µg/l Fresh water Chronic NOEC 160000 µg/l Fresh water</p>	<p>Aquatic plants - Lemna minor Daphnia - Daphnia magna Fish - Pimephales promelas Aquatic plants - Lemna minor Daphnia - Daphnia magna</p>	<p>96 hours 48 hours 96 hours 96 hours 21 days</p>
<p>ibuprofen</p>	<p>Acute EC50 72.6 mg/l Fresh water Acute EC50 34.1 mg/l Fresh water Acute LC50 >100 mg/l Fresh water Chronic NOEC 10 µg/l Fresh water Chronic NOEC 1.23 mg/l Fresh water Chronic NOEC 0.1 µg/l Fresh water</p>	<p>Crustaceans - Moina macrocopa Daphnia - Daphnia magna - Neonate Fish - Oryzias latipes - Larvae Algae - Pseudokirchneriella subcapitata Daphnia - Daphnia magna - Neonate Fish - Oryzias latipes - Embryo</p>	<p>48 hours 48 hours 96 hours 72 hours 21 days 132 days</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 9 Acetonitrile</p>	<p>Acute IC50 3685000 µg/l Fresh water Acute LC50 3600000 µg/l Fresh water Acute LC50 1000000 µg/l Fresh water Chronic NOEC 1000000 µg/l Fresh water Chronic NOEC 160000 µg/l Fresh water</p>	<p>Aquatic plants - Lemna minor Daphnia - Daphnia magna Fish - Pimephales promelas Aquatic plants - Lemna minor Daphnia - Daphnia magna</p>	<p>96 hours 48 hours 96 hours 96 hours 21 days</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 11 Acetonitrile</p>	<p>Acute IC50 3685000 µg/l Fresh water Acute LC50 3600000 µg/l Fresh water Acute LC50 1000000 µg/l Fresh water Chronic NOEC 1000000 µg/l Fresh water Chronic NOEC 160000 µg/l Fresh water</p>	<p>Aquatic plants - Lemna minor Daphnia - Daphnia magna Fish - Pimephales promelas Aquatic plants - Lemna minor Daphnia - Daphnia magna</p>	<p>96 hours 48 hours 96 hours 96 hours 21 days</p>

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
<p>Veterinary Drugs Comprehensive Mix - Submix 6 Estradiol</p>	<p>OECD 301B Ready Biodegradability - CO2 Evolution Test</p>	<p>≥68 % - 30 days</p>	<p>-</p>	<p>-</p>

SECTION 12: Ecological information

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Veterinary Drugs Comprehensive Mix - Submix 4 Acetonitrile	-	-	Readily
Veterinary Drugs Comprehensive Mix - Submix 6 Acetonitrile	-	-	Readily
Veterinary Drugs Comprehensive Mix - Submix 7 Acetonitrile	-	-	Readily
Veterinary Drugs Comprehensive Mix - Submix 8 Acetonitrile	-	-	Readily
Veterinary Drugs Comprehensive Mix - Submix 9 Acetonitrile	-	-	Readily
Veterinary Drugs Comprehensive Mix - Submix 11 Acetonitrile	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Veterinary Drugs Comprehensive Mix - Submix 4 Acetonitrile Malachite green hydrochloride	-0.34 0.62	3 -	low low
Veterinary Drugs Comprehensive Mix - Submix 6 Acetonitrile diethylstilbestrol methyltestosterone ethinylestradiol Estradiol	-0.34 5.07 3.36 3.67 4.01	3 - - - -	low high low low high
Veterinary Drugs Comprehensive Mix - Submix 7 Acetonitrile	-0.34	3	low
Veterinary Drugs Comprehensive Mix - Submix 8 Acetonitrile	-0.34	3	low

SECTION 12: Ecological information

ibuprofen	3.87	-	low
Veterinary Drugs Comprehensive Mix - Submix 9			
Acetonitrile	-0.34	3	low
Veterinary Drugs Comprehensive Mix - Submix 11			
Acetonitrile	-0.34	3	low

12.4 Mobility in soil

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

Mobility : Not available.

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 spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

ADR/RID / IMDG / IATA : Not regulated.

Additional information

Remarks: De minimis quantities

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.

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SECTION 14: Transport information

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

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Veterinary Drugs Comprehensive Mix - Submix 4	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 6	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 7	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 8	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 9	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 11	Not applicable.

Other EU regulations

Industrial emissions (integrated pollution prevention and control) - Air : Listed

Industrial emissions (integrated pollution prevention and control) - Water : Listed

Ozone depleting substances (1005/2009/EU)

Not listed.

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

Not listed.

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

SECTION 15: Regulatory information

Category

Veterinary Drugs Comprehensive Mix - Submix 4

P5c

Veterinary Drugs Comprehensive Mix - Submix 6

P5c

E1

Veterinary Drugs Comprehensive Mix - Submix 7

P5c

Veterinary Drugs Comprehensive Mix - Submix 8

P5c

E2

Veterinary Drugs Comprehensive Mix - Submix 9

P5c

Veterinary Drugs Comprehensive Mix - Submix 11

P5c

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	: Not determined.
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	: Not determined.
Thailand	: <input checked="" type="checkbox"/> Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: <input checked="" type="checkbox"/> Not determined.

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SECTION 15: Regulatory information

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

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
Veterinary Drugs Comprehensive Mix - Submix 4 Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319	On basis of test data Calculation method Calculation method Calculation method Calculation method
Veterinary Drugs Comprehensive Mix - Submix 6 Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	On basis of test data Calculation method Calculation method Calculation method Calculation method Calculation method Calculation method
Veterinary Drugs Comprehensive Mix - Submix 7 Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319	On basis of test data Calculation method Calculation method Calculation method Calculation method
Veterinary Drugs Comprehensive Mix - Submix 8 Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	On basis of test data Calculation method Calculation method Calculation method Calculation method Calculation method
Veterinary Drugs Comprehensive Mix - Submix 9 Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319	On basis of test data Calculation method Calculation method Calculation method Calculation method
Veterinary Drugs Comprehensive Mix - Submix 11 Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319	On basis of test data Calculation method Calculation method Calculation method Calculation method

SECTION 16: Other information

[Full text of abbreviated H statements](#)

<p>Veterinary Drugs Comprehensive Mix - Submix 4</p> <p>H225 H302 H312 H318 H319 H332 H361d H400 H410</p> <p>Veterinary Drugs Comprehensive Mix - Submix 6</p> <p>H225 H302 H312 H315 H319 H332 H335 H350 H351 H360D H360FD H361fd</p> <p>H362 H400 H410</p> <p>Veterinary Drugs Comprehensive Mix - Submix 7</p> <p>H225 H302 H312 H319 H332</p> <p>Veterinary Drugs Comprehensive Mix - Submix 8</p> <p>H225 H302 H312 H319 H332 H335 H410 H411</p> <p>Veterinary Drugs Comprehensive Mix - Submix 9</p> <p>H225 H302 H312 H319 H332</p> <p>Veterinary Drugs Comprehensive Mix -</p>	<p>Highly flammable liquid and vapour. Harmful if swallowed. Harmful in contact with skin. Causes serious eye damage. Causes serious eye irritation. Harmful if inhaled. Suspected of damaging the unborn child. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.</p> <p>Highly flammable liquid and vapour. Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause cancer. Suspected of causing cancer. May damage the unborn child. May damage fertility. May damage the unborn child. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause harm to breast-fed children. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.</p> <p>Highly flammable liquid and vapour. Harmful if swallowed. Harmful in contact with skin. Causes serious eye irritation. Harmful if inhaled.</p> <p>Highly flammable liquid and vapour. Harmful if swallowed. Harmful in contact with skin. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects.</p> <p>Highly flammable liquid and vapour. Harmful if swallowed. Harmful in contact with skin. Causes serious eye irritation. Harmful if inhaled.</p>
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SECTION 16: Other information

Submix 11

H225
H302
H312
H319
H332

Highly flammable liquid and vapour.
Harmful if swallowed.
Harmful in contact with skin.
Causes serious eye irritation.
Harmful if inhaled.

[Full text of classifications \[CLP/GHS\]](#)

Veterinary Drugs Comprehensive Mix -

Submix 4

Acute Tox. 4, H302
Acute Tox. 4, H312
Acute Tox. 4, H332
Aquatic Acute 1, H400
Aquatic Chronic 1, H410
Eye Dam. 1, H318
Eye Irrit. 2, H319
Flam. Liq. 2, H225
Repr. 2, H361d

ACUTE TOXICITY (oral) - Category 4
ACUTE TOXICITY (dermal) - Category 4
ACUTE TOXICITY (inhalation) - Category 4
SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
FLAMMABLE LIQUIDS - Category 2
REPRODUCTIVE TOXICITY (Unborn child) - Category 2

Veterinary Drugs Comprehensive Mix -

Submix 6

Acute Tox. 4, H302
Acute Tox. 4, H312
Acute Tox. 4, H332
Aquatic Acute 1, H400
Aquatic Chronic 1, H410
Carc. 1B, H350
Carc. 2, H351
Eye Irrit. 2, H319
Flam. Liq. 2, H225
Lact., H362
Repr. 1A, H360FD

Repr. 1B, H360D
Repr. 1B, H360FD

ACUTE TOXICITY (oral) - Category 4
ACUTE TOXICITY (dermal) - Category 4
ACUTE TOXICITY (inhalation) - Category 4
SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
CARCINOGENICITY - Category 1B
CARCINOGENICITY - Category 2
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
FLAMMABLE LIQUIDS - Category 2
REPRODUCTIVE TOXICITY - Effects on or via lactation
REPRODUCTIVE TOXICITY (Fertility and Unborn child) - Category 1A
REPRODUCTIVE TOXICITY (Unborn child) - Category 1B
REPRODUCTIVE TOXICITY (Fertility and Unborn child) - Category 1B
REPRODUCTIVE TOXICITY (Fertility and Unborn child) - Category 2
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3

Veterinary Drugs Comprehensive Mix -

Submix 7

Acute Tox. 4, H302
Acute Tox. 4, H312
Acute Tox. 4, H332
Eye Irrit. 2, H319
Flam. Liq. 2, H225

ACUTE TOXICITY (oral) - Category 4
ACUTE TOXICITY (dermal) - Category 4
ACUTE TOXICITY (inhalation) - Category 4
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
FLAMMABLE LIQUIDS - Category 2

Veterinary Drugs Comprehensive Mix -

Submix 8

Acute Tox. 4, H302
Acute Tox. 4, H312
Acute Tox. 4, H332
Aquatic Chronic 1, H410
Aquatic Chronic 2, H411
Eye Irrit. 2, H319
Flam. Liq. 2, H225
STOT SE 3, H335

ACUTE TOXICITY (oral) - Category 4
ACUTE TOXICITY (dermal) - Category 4
ACUTE TOXICITY (inhalation) - Category 4
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
FLAMMABLE LIQUIDS - Category 2
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE

SECTION 16: Other information

<p>Veterinary Drugs Comprehensive Mix - Submix 9 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319 Flam. Liq. 2, H225</p> <p>Veterinary Drugs Comprehensive Mix - Submix 11 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319 Flam. Liq. 2, H225</p>	<p>(Respiratory tract irritation) - Category 3</p> <p>ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 FLAMMABLE LIQUIDS - Category 2</p> <p>ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 FLAMMABLE LIQUIDS - Category 2</p>
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