

SAFETY DATA SHEET



Veterinary Drugs Comprehensive Mix - Box 1 of 2, Part Number 5190-0554B

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

1.1 Product identifier

Product name	:	Veterinary Drugs Comprehensive Mix - Box 1 of 2, Part Number 5190-0554B	
Part no. (chemical kit)	:	5190-0554B	
Part no.	:	Veterinary Drugs Comprehensive Mix - Submix 1	5190-0569
		Veterinary Drugs Comprehensive Mix - Submix 2	5190-0570
		Veterinary Drugs Comprehensive Mix - Submix 5	5190-0573
		Veterinary Drugs Comprehensive Mix - Submix 10	5190-0578
		Veterinary Drugs Comprehensive Mix - Submix 3A	5190-0571A
		Veterinary Drugs Comprehensive Mix - Submix 3B	5190-0571B

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 - Submix 1	1 ml
		Veterinary Drugs Comprehensive Mix - Submix 2	1 ml
		Veterinary Drugs Comprehensive Mix - Submix 5	1 ml
		Veterinary Drugs Comprehensive Mix - Submix 10	1 ml
		Veterinary Drugs Comprehensive Mix - Submix 3A	1 ml
		Veterinary Drugs Comprehensive Mix - Submix 3B	1 ml

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 1	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 2	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 5	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 10	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 3A	Mixture
		Veterinary Drugs Comprehensive Mix - Submix 3B	Mixture

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

Veterinary Drugs

Comprehensive Mix - Submix 1

H400	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
H410	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1

Veterinary Drugs

Comprehensive Mix - Submix 2

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

10	
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





3B	
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

SECTION 2: Hazards identification

Hazard pictograms	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 1	
	Veterinary Drugs Comprehensive Mix - Submix 2	
	Veterinary Drugs Comprehensive Mix - Submix 10	
	Veterinary Drugs Comprehensive Mix - Submix 3B	
Signal word	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 1	Warning
	Veterinary Drugs Comprehensive Mix - Submix 2	Danger
	Veterinary Drugs Comprehensive Mix - Submix 5	No signal word.
	Veterinary Drugs Comprehensive Mix - Submix 10	Danger
	Veterinary Drugs Comprehensive Mix - Submix 3A	No signal word.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Danger
Hazard statements	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 1	H410 - Very toxic to aquatic life with long lasting effects.
	Veterinary Drugs Comprehensive Mix - Submix 2	H225 - Highly flammable liquid and vapour. H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled. H319 - Causes serious eye irritation. No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 5	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 10	H225 - Highly flammable liquid and vapour.
	Veterinary Drugs Comprehensive Mix - Submix 3A	H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled. H319 - Causes serious eye irritation. No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3B	H225 - Highly flammable liquid and vapour.

SECTION 2: Hazards identification

Comprehensive Mix -
Submix 3B

H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled.
H319 - Causes serious eye irritation.

Precautionary statements

Prevention

: Veterinary Drugs
Comprehensive Mix -
Submix 1
Veterinary Drugs
Comprehensive Mix -
Submix 2

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.
Not applicable.

Veterinary Drugs
Comprehensive Mix -
Submix 5
Veterinary Drugs
Comprehensive Mix -
Submix 10

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.
Not applicable.

Veterinary Drugs
Comprehensive Mix -
Submix 3A
Veterinary Drugs
Comprehensive Mix -
Submix 3B

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.

Response

: Veterinary Drugs
Comprehensive Mix -
Submix 1
Veterinary Drugs
Comprehensive Mix -
Submix 2

P391 - Collect spillage.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
Not applicable.

Veterinary Drugs
Comprehensive Mix -
Submix 5
Veterinary Drugs
Comprehensive Mix -
Submix 10

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
Not applicable.

Veterinary Drugs
Comprehensive Mix -
Submix 3A
Veterinary Drugs
Comprehensive Mix -
Submix 3B

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

SECTION 2: Hazards identification

Storage	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 1	Not applicable.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 2	Not applicable.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 5	Not applicable.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 10	Not applicable.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 3A	Not applicable.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 3B	Not applicable.
Disposal	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 1	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 2	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 5	Not applicable.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 10	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 3A	Not applicable.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 3B	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 1	Not applicable.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 2	- acetonitrile
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 10	- acetonitrile
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 3B	- acetonitrile
Supplemental label elements	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 1	Not applicable.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 2	Not applicable.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 5	Not applicable.
	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix -	Not applicable.

SECTION 2: Hazards identification

Submix 10
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 3A
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 3B

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles :

Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 1
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 2
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 5
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 10
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 3A
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 3B

Special packaging requirements

Tactile warning of danger :

Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 1
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 2
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 5
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 10
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 3A
 Veterinary Drugs Not applicable.
 Comprehensive Mix -
 Submix 3B

2.3 Other hazards

Other hazards which do not result in classification :

Veterinary Drugs None known.
 Comprehensive Mix -
 Submix 1
 Veterinary Drugs None known.
 Comprehensive Mix -
 Submix 2
 Veterinary Drugs None known.
 Comprehensive Mix -
 Submix 5
 Veterinary Drugs None known.
 Comprehensive Mix -

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SECTION 2: Hazards identification

Submix 10
 Veterinary Drugs None known.
 Comprehensive Mix -
 Submix 3A
 Veterinary Drugs None known.
 Comprehensive Mix -
 Submix 3B

SECTION 3: Composition/information on ingredients

3.1 Substances : Veterinary Drugs Comprehensive Mix - Submix 1 Mixture
 Veterinary Drugs Comprehensive Mix - Submix 2 Mixture
 Veterinary Drugs Comprehensive Mix - Submix 5 Mixture
 Veterinary Drugs Comprehensive Mix - Submix 10 Mixture
 Veterinary Drugs Comprehensive Mix - Submix 3A Mixture
 Veterinary Drugs Comprehensive Mix - Submix 3B Mixture

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Type
<input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 1 Avermectin B1	CAS: 71751-41-2 Index: 606-143-00-0	<0.1	Acute Tox. 2, H300 Acute Tox. 1, H330 Repr. 2, H361d (Unborn child) STOT RE 1, H372 (nervous system) Aquatic Acute 1, H400 (M=10000) Aquatic Chronic 1, H410 (M=10000)	[1]
Avermectin A1a, 25-cyclohexyl-5-O-demethyl-25-de (1-methylpropyl)-	CAS: 117704-25-3	≤0.1	Acute Tox. 4, H302 Repr. 2, H361fd (Fertility and Unborn child) (oral) Lact., H362 Aquatic Acute 1, H400 (M=10000) Aquatic Chronic 1, H410 (M=10000)	[1]
Ivermectin	EC: 274-536-0 CAS: 70288-86-7	<0.1	Acute Tox. 1, H300 Acute Tox. 3, H311 Repr. 2, H361fd (Fertility and Unborn child) STOT RE 2, H373 Aquatic Acute 1, H400 (M=100000) Aquatic Chronic 1, H410 (M=100000000)	[1]
Veterinary Drugs Comprehensive Mix - Submix 2 Acetonitrile	EC: 200-835-2 CAS: 75-05-8 Index: 608-001-00-3	≥75 - ≤90	Flam. Liq. 2, H225 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319	[1] [2]
Veterinary Drugs Comprehensive Mix - Submix 10 Acetonitrile	EC: 200-835-2 CAS: 75-05-8	≥75 - ≤90	Flam. Liq. 2, H225 Acute Tox. 4, H302	[1] [2]

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SECTION 3: Composition/information on ingredients

<p>Veterinary Drugs Comprehensive Mix - Submix 3B Acetonitrile</p>	<p>Index: 608-001-00-3</p>		<p>Acute Tox. 4, H312 Acute Tox. 4, H332 Eye Irrit. 2, H319</p>	
<p>sulfadiazine</p>	<p>EC: 200-835-2 CAS: 75-05-8 Index: 608-001-00-3</p>	<p>≥75 - ≤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>Erythromycin</p>	<p>EC: 200-685-8 CAS: 68-35-9</p>	<p><0.025</p>	<p>Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1B, H317 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=10)</p>	<p>[1]</p>
<p></p>	<p>EC: 204-040-1 CAS: 114-07-8</p>	<p><0.1</p>	<p>Resp. Sens. 1, H334 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)</p> <p>See Section 16 for the full text of the H statements declared above.</p>	<p>[1]</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 1</p> <p>Veterinary Drugs Comprehensive Mix - Submix 2</p> <p>Veterinary Drugs Comprehensive Mix - Submix 5</p> <p>Veterinary Drugs Comprehensive Mix - Submix 10</p> <p>Veterinary Drugs Comprehensive Mix - Submix 3A</p> <p>Veterinary Drugs Comprehensive Mix - Submix 3B</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 if irritation occurs.</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. Get medical attention if irritation occurs.</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. Get medical attention if irritation occurs.</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.</p>
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SECTION 4: First aid measures

Inhalation

: Veterinary Drugs
Comprehensive Mix -
Submix 1

Get medical attention.

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

Veterinary Drugs
Comprehensive Mix -
Submix 2

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 5

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

Veterinary Drugs
Comprehensive Mix -
Submix 10

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 3A

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

Veterinary Drugs
Comprehensive Mix -
Submix 3B

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

SECTION 4: First aid measures

Skin contact

: Veterinary Drugs
Comprehensive Mix -
Submix 1

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.

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Veterinary Drugs
Comprehensive Mix -
Submix 2

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 5

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Veterinary Drugs
Comprehensive Mix -
Submix 10

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 3A

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Veterinary Drugs
Comprehensive Mix -
Submix 3B

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 1

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Veterinary Drugs
Comprehensive Mix -
Submix 2

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

SECTION 4: First aid measures

Veterinary Drugs Comprehensive Mix - Submix 5	open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Veterinary Drugs Comprehensive Mix - Submix 10	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 3A	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Veterinary Drugs Comprehensive Mix - Submix 3B	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.
Protection of first-aiders : Veterinary Drugs Comprehensive Mix - Submix 1	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
Veterinary Drugs Comprehensive Mix - Submix 2	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 5	No action shall be taken involving any personal risk or without suitable training.
Veterinary Drugs Comprehensive Mix - Submix 10	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

SECTION 4: First aid measures

Veterinary Drugs Comprehensive Mix - Submix 3A	water before removing it, or wear gloves. No action shall be taken involving any personal risk or without suitable training.
Veterinary Drugs Comprehensive Mix - Submix 3B	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 1 Veterinary Drugs Comprehensive Mix - Submix 2 Veterinary Drugs Comprehensive Mix - Submix 5 Veterinary Drugs Comprehensive Mix - Submix 10 Veterinary Drugs Comprehensive Mix - Submix 3A Veterinary Drugs Comprehensive Mix - Submix 3B	No known significant effects or critical hazards. Causes serious eye irritation. No known significant effects or critical hazards. Causes serious eye irritation. No known significant effects or critical hazards. Causes serious eye irritation.
Inhalation	: Veterinary Drugs Comprehensive Mix - Submix 1 Veterinary Drugs Comprehensive Mix - Submix 2 Veterinary Drugs Comprehensive Mix - Submix 5 Veterinary Drugs Comprehensive Mix - Submix 10 Veterinary Drugs Comprehensive Mix - Submix 3A Veterinary Drugs Comprehensive Mix - Submix 3B	No known significant effects or critical hazards. Harmful if inhaled. No known significant effects or critical hazards. Harmful if inhaled. No known significant effects or critical hazards. Harmful if inhaled.
Skin contact	: Veterinary Drugs Comprehensive Mix - Submix 1 Veterinary Drugs Comprehensive Mix - Submix 2 Veterinary Drugs Comprehensive Mix -	No known significant effects or critical hazards. Harmful in contact with skin. No known significant effects or critical hazards.

SECTION 4: First aid measures

	Submix 5	
	Veterinary Drugs Comprehensive Mix - Submix 10	Harmful in contact with skin.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Harmful in contact with skin.
Ingestion	: Veterinary Drugs Comprehensive Mix - Submix 1	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 2	Harmful if swallowed.
	Veterinary Drugs Comprehensive Mix - Submix 5	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 10	Harmful if swallowed.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Harmful if swallowed.

Over-exposure signs/symptoms

Eye contact	: Veterinary Drugs Comprehensive Mix - Submix 1	No specific data.
	Veterinary Drugs Comprehensive Mix - Submix 2	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 5	No specific data.
	Veterinary Drugs Comprehensive Mix - Submix 10	Adverse symptoms may include the following: pain or irritation watering redness
	Veterinary Drugs Comprehensive Mix - Submix 3A	No specific data.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Adverse symptoms may include the following: pain or irritation watering redness

SECTION 4: First aid measures

Inhalation	:	Veterinary Drugs Comprehensive Mix - Submix 1	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 2	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 5	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 10	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 3A	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 3B	No specific data.	
	Skin contact	:	Veterinary Drugs Comprehensive Mix - Submix 1	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 2	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 5	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 10	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 3A	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 3B	No specific data.	
Ingestion		:	Veterinary Drugs Comprehensive Mix - Submix 1	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 2	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 5	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 10	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 3A	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 3B	No specific data.	

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 4: First aid measures

Notes to physician	: Veterinary Drugs Comprehensive Mix - Submix 1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Veterinary Drugs Comprehensive Mix - Submix 2	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 5	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Veterinary Drugs Comprehensive Mix - Submix 10	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 3A	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Veterinary Drugs Comprehensive Mix - Submix 3B	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.
Specific treatments	: Veterinary Drugs Comprehensive Mix - Submix 1	No specific treatment.
	Veterinary Drugs Comprehensive Mix - Submix 2	No specific treatment.
	Veterinary Drugs Comprehensive Mix - Submix 5	No specific treatment.
	Veterinary Drugs Comprehensive Mix - Submix 10	No specific treatment.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No specific treatment.
	Veterinary Drugs Comprehensive Mix - Submix 3B	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Veterinary Drugs Comprehensive Mix - Submix 1	Use an extinguishing agent suitable for the surrounding fire.
	Veterinary Drugs Comprehensive Mix - Submix 2	Use dry chemical, CO ₂ , water spray (fog) or foam.
	Veterinary Drugs Comprehensive Mix - Submix 5	Use an extinguishing agent suitable for the surrounding fire.
	Veterinary Drugs Comprehensive Mix - Submix 10	Use dry chemical, CO ₂ , water spray (fog) or foam.
	Veterinary Drugs Comprehensive Mix - Submix 3A	Use an extinguishing agent suitable for the surrounding fire.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Use dry chemical, CO ₂ , water spray (fog) or foam.

SECTION 5: Firefighting measures

Unsuitable extinguishing media	:	Veterinary Drugs Comprehensive Mix - Submix 1	None known.
		Veterinary Drugs Comprehensive Mix - Submix 2	Do not use water jet.
		Veterinary Drugs Comprehensive Mix - Submix 5	None known.
		Veterinary Drugs Comprehensive Mix - Submix 10	Do not use water jet.
		Veterinary Drugs Comprehensive Mix - Submix 3A	None known.
		Veterinary Drugs Comprehensive Mix - Submix 3B	Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	:	<input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 1	In a fire or if heated, a pressure increase will occur and the container may burst. 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 2	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 5	In a fire or if heated, a pressure increase will occur and the container may burst.
		Veterinary Drugs Comprehensive Mix - Submix 10	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 3A	In a fire or if heated, a pressure increase will occur and the container may burst.
		Veterinary Drugs Comprehensive Mix - Submix 3B	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 1	Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides
		Veterinary Drugs	Decomposition products may include the following materials:

SECTION 5: Firefighting measures

Comprehensive Mix -
Submix 2

carbon dioxide
carbon monoxide
nitrogen oxides
cyanides

Veterinary Drugs
Comprehensive Mix -
Submix 5

Decomposition products may include the following materials:

carbon dioxide
carbon monoxide
sulfur oxides

Veterinary Drugs
Comprehensive Mix -
Submix 10

Decomposition products may include the following materials:

carbon dioxide
carbon monoxide
nitrogen oxides
cyanides

Veterinary Drugs
Comprehensive Mix -
Submix 3A

Decomposition products may include the following materials:

carbon dioxide
carbon monoxide
sulfur oxides

Veterinary Drugs
Comprehensive Mix -
Submix 3B

Decomposition products may include the following materials:

carbon dioxide
carbon monoxide
nitrogen oxides
cyanides

5.3 Advice for firefighters

Special precautions for fire-fighters

: Veterinary Drugs
Comprehensive Mix -
Submix 1

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.

Veterinary Drugs
Comprehensive Mix -
Submix 2

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 5

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.

Veterinary Drugs
Comprehensive Mix -
Submix 10

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 3A

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.

Veterinary Drugs
Comprehensive Mix -
Submix 3B

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.

SECTION 5: Firefighting measures

Special protective equipment for fire-fighters	: Veterinary Drugs Comprehensive Mix - Submix 1	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 2	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 5	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 10	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 3A	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 3B	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 1	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	Veterinary Drugs Comprehensive Mix - Submix 2	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 5	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	Veterinary Drugs	No action shall be taken involving any personal risk or

SECTION 6: Accidental release measures

	Comprehensive Mix - Submix 10	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 3A	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	Veterinary Drugs Comprehensive Mix - Submix 3B	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 1	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 2	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 5	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 10	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 3A	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 3B	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	6.2 Environmental precautions	: Veterinary Drugs Comprehensive Mix - Submix 1
Veterinary Drugs Comprehensive Mix - Submix 2		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 5		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).

SECTION 6: Accidental release measures

Veterinary Drugs Comprehensive Mix - Submix 10	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 3A	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 3B	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 1	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
		Veterinary Drugs Comprehensive Mix - Submix 2	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 5	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
		Veterinary Drugs Comprehensive Mix - Submix 10	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 3A	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
		Veterinary Drugs Comprehensive Mix - Submix 3B	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.

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.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

SECTION 7: Handling and storage

Protective measures	: Veterinary Drugs Comprehensive Mix - Submix 1	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. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	Veterinary Drugs Comprehensive Mix - Submix 2	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.
	Veterinary Drugs Comprehensive Mix - Submix 5	Put on appropriate personal protective equipment (see Section 8).
	Veterinary Drugs Comprehensive Mix - Submix 10	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.
	Veterinary Drugs Comprehensive Mix - Submix 3A	Put on appropriate personal protective equipment (see Section 8).
	Veterinary Drugs Comprehensive Mix - Submix 3B	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.

SECTION 7: Handling and storage

Advice on general occupational hygiene

Veterinary Drugs Comprehensive Mix - Submix 1	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 2	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 5	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 10	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 3A	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 3B	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 1	Store between the following temperatures: 18 to 25°C (64.4 to 77°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Veterinary Drugs Comprehensive Mix - Submix 2	Store between the following temperatures: 18 to 25°C (64.4 to 77°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

SECTION 7: Handling and storage

<p>Veterinary Drugs Comprehensive Mix - Submix 5</p>	<p>incompatible materials before handling or use. Store between the following temperatures: 18 to 25°C (64.4 to 77°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 10</p>	<p>Store between the following temperatures: 18 to 25°C (64.4 to 77°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.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 3A</p>	<p>Store between the following temperatures: 18 to 25°C (64.4 to 77°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 3B</p>	<p>Store between the following temperatures: 18 to 25°C (64.4 to 77°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.</p>

Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
Veterinary Drugs Comprehensive Mix - Submix 1 E1	100	200
Veterinary Drugs Comprehensive Mix - Submix 2 P5c	5000	50000
Veterinary Drugs Comprehensive Mix - Submix 10 P5c	5000	50000

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SECTION 7: Handling and storage

Veterinary Drugs Comprehensive Mix - Submix 3B
P5c

5000

50000

7.3 Specific end use(s)

Recommendations	: Veterinary Drugs Comprehensive Mix - Submix 1	Industrial applications, Professional applications.
	Veterinary Drugs Comprehensive Mix - Submix 2	Industrial applications, Professional applications.
	Veterinary Drugs Comprehensive Mix - Submix 5	Industrial applications, Professional applications.
	Veterinary Drugs Comprehensive Mix - Submix 10	Industrial applications, Professional applications.
	Veterinary Drugs Comprehensive Mix - Submix 3A	Industrial applications, Professional applications.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Industrial applications, Professional applications.
Industrial sector specific solutions	: Veterinary Drugs Comprehensive Mix - Submix 1	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 2	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 5	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 10	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 3A	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 3B	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 2 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 10	

SECTION 8: Exposure controls/personal protection

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 3B 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 :  Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

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

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

SECTION 8: Exposure controls/personal protection

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. 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 1 | Liquid. |
| Veterinary Drugs Comprehensive Mix - Submix 2 | Liquid. |
| Veterinary Drugs Comprehensive Mix - Submix 5 | Liquid. |
| Veterinary Drugs Comprehensive Mix - Submix 10 | Liquid. |
| Veterinary Drugs Comprehensive Mix - Submix 3A | Liquid. |
| Veterinary Drugs Comprehensive Mix - Submix 3B | Liquid. |
- Colour**
- | | |
|--|----------------|
| Veterinary Drugs Comprehensive Mix - Submix 1 | Colourless. |
| Veterinary Drugs Comprehensive Mix - Submix 2 | Not available. |
| Veterinary Drugs Comprehensive Mix - Submix 5 | Not available. |
| Veterinary Drugs Comprehensive Mix - Submix 10 | Not available. |
| Veterinary Drugs | Not available. |

SECTION 9: Physical and chemical properties

	Comprehensive Mix - Submix 3A	
	Veterinary Drugs Comprehensive Mix - Submix 3B	Not available.
Odour	: Veterinary Drugs Comprehensive Mix - Submix 1	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 2	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 5	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 10	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 3A	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Not available.
Odour threshold	: Veterinary Drugs Comprehensive Mix - Submix 1	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 2	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 5	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 10	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 3A	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Not available.
pH	: Veterinary Drugs Comprehensive Mix - Submix 1	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 2	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 5	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 10	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 3A	Not available.
	Veterinary Drugs Comprehensive Mix -	Not available.

SECTION 9: Physical and chemical properties

		Submix 3B	
Melting point/freezing point	:	Veterinary Drugs Comprehensive Mix - Submix 1	18.5°C
		Veterinary Drugs Comprehensive Mix - Submix 2	-46°C
		Veterinary Drugs Comprehensive Mix - Submix 5	18.5°C
		Veterinary Drugs Comprehensive Mix - Submix 10	-46°C
		Veterinary Drugs Comprehensive Mix - Submix 3A	18.5°C
		Veterinary Drugs Comprehensive Mix - Submix 3B	-46°C
Initial boiling point and boiling range	:	Veterinary Drugs Comprehensive Mix - Submix 1	189°C
		Veterinary Drugs Comprehensive Mix - Submix 2	82°C
		Veterinary Drugs Comprehensive Mix - Submix 5	189°C
		Veterinary Drugs Comprehensive Mix - Submix 10	82°C
		Veterinary Drugs Comprehensive Mix - Submix 3A	189°C
		Veterinary Drugs Comprehensive Mix - Submix 3B	82°C
Flash point	:	Veterinary Drugs Comprehensive Mix - Submix 1	Open cup: 95°C
		Veterinary Drugs Comprehensive Mix - Submix 2	Closed cup: 12.8°C
		Veterinary Drugs Comprehensive Mix - Submix 5	Open cup: 95°C
		Veterinary Drugs Comprehensive Mix - Submix 10	Closed cup: 12.8°C
		Veterinary Drugs Comprehensive Mix - Submix 3A	Open cup: 95°C
		Veterinary Drugs Comprehensive Mix - Submix 3B	Closed cup: 12.8°C

SECTION 9: Physical and chemical properties

Evaporation rate	: Veterinary Drugs Comprehensive Mix - Submix 1	Not available.	
	: Veterinary Drugs Comprehensive Mix - Submix 2	2.33 (butyl acetate = 1)	
	: Veterinary Drugs Comprehensive Mix - Submix 5	Not available.	
	: Veterinary Drugs Comprehensive Mix - Submix 10	2.33 (butyl acetate = 1)	
	: Veterinary Drugs Comprehensive Mix - Submix 3A	Not available.	
	: Veterinary Drugs Comprehensive Mix - Submix 3B	2.33 (butyl acetate = 1)	
	Flammability (solid, gas)	: Veterinary Drugs Comprehensive Mix - Submix 1	Not applicable.
		: Veterinary Drugs Comprehensive Mix - Submix 2	Not applicable.
		: Veterinary Drugs Comprehensive Mix - Submix 5	Not applicable.
		: Veterinary Drugs Comprehensive Mix - Submix 10	Not applicable.
: Veterinary Drugs Comprehensive Mix - Submix 3A		Not applicable.	
: Veterinary Drugs Comprehensive Mix - Submix 3B		Not applicable.	
Upper/lower flammability or explosive limits		: Veterinary Drugs Comprehensive Mix - Submix 1	Lower: 2.6%
		: Veterinary Drugs Comprehensive Mix - Submix 2	Upper: 28.5% Lower: 3%
	: Veterinary Drugs Comprehensive Mix - Submix 5	Upper: 16% Lower: 2.6%	
	: Veterinary Drugs Comprehensive Mix - Submix 10	Upper: 28.5% Lower: 3%	
	: Veterinary Drugs Comprehensive Mix - Submix 3A	Upper: 16% Lower: 2.6%	
	: Veterinary Drugs Comprehensive Mix - Submix 3B	Upper: 28.5% Lower: 3%	

SECTION 9: Physical and chemical properties

Upper: 16%

Vapour pressure	:	Veterinary Drugs Comprehensive Mix - Submix 1	0.049 kPa [room temperature]		
		Veterinary Drugs Comprehensive Mix - Submix 2	9.7 kPa [room temperature]		
		Veterinary Drugs Comprehensive Mix - Submix 5	0.049 kPa [room temperature]		
		Veterinary Drugs Comprehensive Mix - Submix 10	9.7 kPa [room temperature]		
		Veterinary Drugs Comprehensive Mix - Submix 3A	0.049 kPa [room temperature]		
		Veterinary Drugs Comprehensive Mix - Submix 3B	9.7 kPa [room temperature]		
		Vapour density	:	Veterinary Drugs Comprehensive Mix - Submix 1	Not available.
				Veterinary Drugs Comprehensive Mix - Submix 2	1.4 [Air = 1]
				Veterinary Drugs Comprehensive Mix - Submix 5	Not available.
				Veterinary Drugs Comprehensive Mix - Submix 10	1.4 [Air = 1]
Veterinary Drugs Comprehensive Mix - Submix 3A	Not available.				
Veterinary Drugs Comprehensive Mix - Submix 3B	1.4 [Air = 1]				
Relative density	:	Veterinary Drugs Comprehensive Mix - Submix 1	1.101		
		Veterinary Drugs Comprehensive Mix - Submix 2	0.807		
		Veterinary Drugs Comprehensive Mix - Submix 5	1.101		
		Veterinary Drugs Comprehensive Mix - Submix 10	0.8		
		Veterinary Drugs Comprehensive Mix - Submix 3A	1.101		
		Veterinary Drugs Comprehensive Mix - Submix 3B	0.807		

SECTION 9: Physical and chemical properties

Solubility(ies)	: Veterinary Drugs Comprehensive Mix - Submix 1	Easily soluble in the following materials: cold water and hot water.	
	Veterinary Drugs Comprehensive Mix - Submix 2	Soluble in the following materials: cold water and hot water.	
	Veterinary Drugs Comprehensive Mix - Submix 5	Easily soluble in the following materials: cold water and hot water.	
	Veterinary Drugs Comprehensive Mix - Submix 10	Soluble in the following materials: cold water and hot water.	
	Veterinary Drugs Comprehensive Mix - Submix 3A	Easily soluble in the following materials: cold water and hot water.	
	Veterinary Drugs Comprehensive Mix - Submix 3B	Soluble in the following materials: cold water and hot water.	
	Partition coefficient: n-octanol/water	: Veterinary Drugs Comprehensive Mix - Submix 1	Not available.
		Veterinary Drugs Comprehensive Mix - Submix 2	Not available.
		Veterinary Drugs Comprehensive Mix - Submix 5	Not available.
Veterinary Drugs Comprehensive Mix - Submix 10		Not available.	
Veterinary Drugs Comprehensive Mix - Submix 3A		Not available.	
Veterinary Drugs Comprehensive Mix - Submix 3B		Not available.	
Auto-ignition temperature		: Veterinary Drugs Comprehensive Mix - Submix 1	215°C
		Veterinary Drugs Comprehensive Mix - Submix 2	524°C
		Veterinary Drugs Comprehensive Mix - Submix 5	215°C
	Veterinary Drugs Comprehensive Mix - Submix 10	524°C	
	Veterinary Drugs Comprehensive Mix - Submix 3A	215°C	
	Veterinary Drugs Comprehensive Mix - Submix 3B	524°C	

SECTION 9: Physical and chemical properties

Decomposition temperature	:	Veterinary Drugs Comprehensive Mix - Submix 1	140 to 189°C		
		Veterinary Drugs Comprehensive Mix - Submix 2	Not available.		
		Veterinary Drugs Comprehensive Mix - Submix 5	140 to 189°C		
		Veterinary Drugs Comprehensive Mix - Submix 10	Not available.		
		Veterinary Drugs Comprehensive Mix - Submix 3A	140 to 189°C		
		Veterinary Drugs Comprehensive Mix - Submix 3B	Not available.		
		Viscosity	:	Veterinary Drugs Comprehensive Mix - Submix 1	Not available.
				Veterinary Drugs Comprehensive Mix - Submix 2	Not available.
				Veterinary Drugs Comprehensive Mix - Submix 5	Not available.
				Veterinary Drugs Comprehensive Mix - Submix 10	Not available.
Veterinary Drugs Comprehensive Mix - Submix 3A	Not available.				
Veterinary Drugs Comprehensive Mix - Submix 3B	Not available.				
Explosive properties	:			Veterinary Drugs Comprehensive Mix - Submix 1	Not available.
				Veterinary Drugs Comprehensive Mix - Submix 2	Not available.
		Veterinary Drugs Comprehensive Mix - Submix 5	Not available.		
		Veterinary Drugs Comprehensive Mix - Submix 10	Not available.		
		Veterinary Drugs Comprehensive Mix - Submix 3A	Not available.		
		Veterinary Drugs Comprehensive Mix - Submix 3B	Not available.		

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SECTION 9: Physical and chemical properties

Oxidising properties	: Veterinary Drugs Comprehensive Mix - Submix 1	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 2	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 5	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 10	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 3A	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Not available.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity	: Veterinary Drugs Comprehensive Mix - Submix 1	No specific test data related to reactivity available for this product or its ingredients.
	Veterinary Drugs Comprehensive Mix - Submix 2	No specific test data related to reactivity available for this product or its ingredients.
	Veterinary Drugs Comprehensive Mix - Submix 5	No specific test data related to reactivity available for this product or its ingredients.
	Veterinary Drugs Comprehensive Mix - Submix 10	No specific test data related to reactivity available for this product or its ingredients.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No specific test data related to reactivity available for this product or its ingredients.
	Veterinary Drugs Comprehensive Mix - Submix 3B	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: Veterinary Drugs Comprehensive Mix - Submix 1	The product is stable.
	Veterinary Drugs Comprehensive Mix - Submix 2	The product is stable.
	Veterinary Drugs Comprehensive Mix - Submix 5	The product is stable.
	Veterinary Drugs Comprehensive Mix - Submix 10	The product is stable.
	Veterinary Drugs Comprehensive Mix - Submix 3A	The product is stable.
	Veterinary Drugs	The product is stable.

SECTION 10: Stability and reactivity

Comprehensive Mix -
Submix 3B

10.3 Possibility of hazardous reactions

- : Veterinary Drugs Comprehensive Mix - Submix 1 Under normal conditions of storage and use, hazardous reactions will not occur.
- Veterinary Drugs Comprehensive Mix - Submix 2 Under normal conditions of storage and use, hazardous reactions will not occur.
- Veterinary Drugs Comprehensive Mix - Submix 5 Under normal conditions of storage and use, hazardous reactions will not occur.
- Veterinary Drugs Comprehensive Mix - Submix 10 Under normal conditions of storage and use, hazardous reactions will not occur.
- Veterinary Drugs Comprehensive Mix - Submix 3A Under normal conditions of storage and use, hazardous reactions will not occur.
- Veterinary Drugs Comprehensive Mix - Submix 3B Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

- : Veterinary Drugs Comprehensive Mix - Submix 1 No specific data.
- Veterinary Drugs Comprehensive Mix - Submix 2 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 5 No specific data.
- Veterinary Drugs Comprehensive Mix - Submix 10 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 3A No specific data.
- Veterinary Drugs Comprehensive Mix - Submix 3B 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 1 May react or be incompatible with oxidising materials.
- Veterinary Drugs Comprehensive Mix - Submix 2 Reactive or incompatible with the following materials:
oxidizing materials
May react or be incompatible with oxidising materials.
- Veterinary Drugs Comprehensive Mix - Submix 5 Reactive or incompatible with the following materials:
oxidizing materials
May react or be incompatible with oxidising materials.
- Veterinary Drugs Comprehensive Mix - Submix 10 Reactive or incompatible with the following materials:
oxidizing materials
May react or be incompatible with oxidising materials.
- Veterinary Drugs May react or be incompatible with oxidising materials.

SECTION 10: Stability and reactivity

Comprehensive Mix -
Submix 3A
Veterinary Drugs
Comprehensive Mix -
Submix 3B

Reactive or incompatible with the following materials:

oxidizing materials

10.6 Hazardous decomposition products

- : Veterinary Drugs
Comprehensive Mix -
Submix 1
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Veterinary Drugs
Comprehensive Mix -
Submix 2
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Veterinary Drugs
Comprehensive Mix -
Submix 5
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Veterinary Drugs
Comprehensive Mix -
Submix 10
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Veterinary Drugs
Comprehensive Mix -
Submix 3A
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Veterinary Drugs
Comprehensive Mix -
Submix 3B
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Veterinary Drugs Comprehensive Mix - Submix 1				
Avermectin B1	LC50 Inhalation Dusts and mists	Rat	1100 mg/m ³	4 hours
	LD50 Oral	Rat	1.5 mg/kg	-
Ivermectin	LD50 Oral	Rat	2 mg/kg	-
Veterinary Drugs Comprehensive Mix - Submix 2				
Acetonitrile	LC50 Inhalation Vapour	Rat	17100 ppm	4 hours
	LD50 Oral	Rat	2460 mg/kg	-
Veterinary Drugs Comprehensive Mix - Submix 10				
Acetonitrile	LC50 Inhalation Vapour	Rat	17100 ppm	4 hours
	LD50 Oral	Rat	2460 mg/kg	-
Veterinary Drugs Comprehensive Mix - Submix 3B				
Acetonitrile	LC50 Inhalation Vapour	Rat	17100 ppm	4 hours
	LD50 Oral	Rat	2460 mg/kg	-
Erythromycin	LD50 Oral	Rat	4600 mg/kg	-

Acute toxicity estimates

SECTION 11: Toxicological information

Route	ATE value
Veterinary Drugs Comprehensive Mix - Submix 2 Oral Dermal Inhalation (vapours)	571.9 mg/kg 1258.1 mg/kg 12.58 mg/l
Veterinary Drugs Comprehensive Mix - Submix 10 Oral Dermal Inhalation (vapours)	570.8 mg/kg 1255.7 mg/kg 12.56 mg/l
Veterinary Drugs Comprehensive Mix - Submix 3B Oral Dermal Inhalation (vapours)	572.1 mg/kg 1258.6 mg/kg 12.59 mg/l

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Veterinary Drugs Comprehensive Mix - Submix 2 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters 500 milligrams	-
	Skin - Mild irritant	Rabbit	-		-
Veterinary Drugs Comprehensive Mix - Submix 10 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters 500 milligrams	-
	Skin - Mild irritant	Rabbit	-		-
Veterinary Drugs Comprehensive Mix - Submix 3B Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters 500 milligrams	-
	Skin - Mild irritant	Rabbit	-		-

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)

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SECTION 11: Toxicological information

Product/ingredient name	Category	Route of exposure	Target organs
Veterinary Drugs Comprehensive Mix - Submix 3B sulfadiazine	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Veterinary Drugs Comprehensive Mix - Submix 1 Avermectin B1 Ivermectin	Category 1 Category 2	Not determined Not determined	nervous system Not determined

Aspiration hazard

Not available.

Information on likely routes of exposure

- : Veterinary Drugs Comprehensive Mix - Submix 1
Routes of entry anticipated: Oral, Dermal, Inhalation.
- : Veterinary Drugs Comprehensive Mix - Submix 2
Routes of entry anticipated: Oral, Dermal, Inhalation.
- : Veterinary Drugs Comprehensive Mix - Submix 5
Routes of entry anticipated: Oral, Dermal, Inhalation.
- : Veterinary Drugs Comprehensive Mix - Submix 10
Routes of entry anticipated: Oral, Dermal, Inhalation.
- : Veterinary Drugs Comprehensive Mix - Submix 3A
Routes of entry anticipated: Oral, Dermal, Inhalation.
- : Veterinary Drugs Comprehensive Mix - Submix 3B
Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

Inhalation

- : Veterinary Drugs Comprehensive Mix - Submix 1
No known significant effects or critical hazards.
- : Veterinary Drugs Comprehensive Mix - Submix 2
Harmful if inhaled.
- : Veterinary Drugs Comprehensive Mix - Submix 5
No known significant effects or critical hazards.
- : Veterinary Drugs Comprehensive Mix - Submix 10
Harmful if inhaled.
- : Veterinary Drugs Comprehensive Mix - Submix 3A
No known significant effects or critical hazards.
- : Veterinary Drugs Comprehensive Mix - Submix 3B
Harmful if inhaled.

SECTION 11: Toxicological information

Ingestion	: Veterinary Drugs Comprehensive Mix - Submix 1	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 2	Harmful if swallowed.
	Veterinary Drugs Comprehensive Mix - Submix 5	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 10	Harmful if swallowed.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Harmful if swallowed.
Skin contact	: Veterinary Drugs Comprehensive Mix - Submix 1	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 2	Harmful in contact with skin.
	Veterinary Drugs Comprehensive Mix - Submix 5	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 10	Harmful in contact with skin.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Harmful in contact with skin.
Eye contact	: Veterinary Drugs Comprehensive Mix - Submix 1	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 2	Causes serious eye irritation.
	Veterinary Drugs Comprehensive Mix - Submix 5	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 10	Causes serious eye irritation.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3B	Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

SECTION 11: Toxicological information

Inhalation	:	Veterinary Drugs Comprehensive Mix - Submix 1	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 2	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 5	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 10	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 3A	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 3B	No specific data.	
	Ingestion	:	Veterinary Drugs Comprehensive Mix - Submix 1	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 2	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 5	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 10	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 3A	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 3B	No specific data.	
Skin contact		:	Veterinary Drugs Comprehensive Mix - Submix 1	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 2	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 5	No specific data.
			Veterinary Drugs Comprehensive Mix - Submix 10	No specific data.
		Veterinary Drugs Comprehensive Mix - Submix 3A	No specific data.	
		Veterinary Drugs Comprehensive Mix - Submix 3B	No specific data.	

SECTION 11: Toxicological information

Eye contact	: Veterinary Drugs Comprehensive Mix - Submix 1	No specific data.
	: Veterinary Drugs Comprehensive Mix - Submix 2	Adverse symptoms may include the following: pain or irritation watering redness
	: Veterinary Drugs Comprehensive Mix - Submix 5	No specific data.
	: Veterinary Drugs Comprehensive Mix - Submix 10	Adverse symptoms may include the following: pain or irritation watering redness
	: Veterinary Drugs Comprehensive Mix - Submix 3A	No specific data.
	: Veterinary Drugs Comprehensive Mix - Submix 3B	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

General	: Veterinary Drugs Comprehensive Mix - Submix 1	No known significant effects or critical hazards.
	: Veterinary Drugs Comprehensive Mix - Submix 2	No known significant effects or critical hazards.
	: Veterinary Drugs Comprehensive Mix - Submix 5	No known significant effects or critical hazards.
	: Veterinary Drugs Comprehensive Mix - Submix 10	No known significant effects or critical hazards.
	: Veterinary Drugs Comprehensive Mix - Submix 3A	No known significant effects or critical hazards.
	: Veterinary Drugs Comprehensive Mix - Submix 3B	No known significant effects or critical hazards.

SECTION 11: Toxicological information

Carcinogenicity	: Veterinary Drugs Comprehensive Mix - Submix 1	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 2	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 5	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 10	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3B	No known significant effects or critical hazards.
Mutagenicity	: Veterinary Drugs Comprehensive Mix - Submix 1	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 2	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 5	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 10	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3B	No known significant effects or critical hazards.
Teratogenicity	: Veterinary Drugs Comprehensive Mix - Submix 1	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 2	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 5	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 10	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3B	No known significant effects or critical hazards.

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SECTION 11: Toxicological information

Developmental effects	: Veterinary Drugs Comprehensive Mix - Submix 1	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 2	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 5	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 10	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3B	No known significant effects or critical hazards.
Fertility effects	: Veterinary Drugs Comprehensive Mix - Submix 1	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 2	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 5	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 10	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3A	No known significant effects or critical hazards.
	Veterinary Drugs Comprehensive Mix - Submix 3B	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 1 Avermectin B1	Acute EC50 7.3096 mg/l Fresh water	Algae - Scenedesmus acutus var. acutus	96 hours
	Acute EC50 4.4 mg/l Fresh water	Algae - Scenedesmus subspicatus	72 hours
	Acute EC50 0.00027 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 3.6 ppb Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic EC10 0.71 mg/l Fresh water	Algae - Scenedesmus subspicatus	72 hours
	Chronic NOEC 0.0047 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Avermectin A1a, 25-cyclohexyl-5-O-demethyl- 25-de(1-methylpropyl)- Ivermectin	Acute EC50 0.0000637 mg/l Fresh water	Daphnia - Daphnia magna - Neonate
	Acute LC50 0.026 µg/l Marine water Acute LC50 1.2 ng/L Fresh water	Crustaceans - Neomysis integer Daphnia - Daphnia magna -	48 hours 48 hours

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SECTION 12: Ecological information

Veterinary Drugs Comprehensive Mix - Submix 2 Acetonitrile	Acute LC50 17.21 µg/l Fresh water	Young Fish - Danio rerio - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Chronic NOEC 391 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Chronic NOEC 0.0003 ng/L Fresh water	Daphnia - Daphnia magna - Young	21 days
Veterinary Drugs Comprehensive Mix - Submix 10 Acetonitrile	Acute IC50 3685000 µg/l Fresh water	Aquatic plants - Lemna minor	96 hours
	Acute LC50 3600000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 1000000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Chronic NOEC 1000000 µg/l Fresh water	Aquatic plants - Lemna minor	96 hours
	Chronic NOEC 160000 µg/l Fresh water	Daphnia - Daphnia magna	21 days
Veterinary Drugs Comprehensive Mix - Submix 3B Acetonitrile	Acute IC50 3685000 µg/l Fresh water	Aquatic plants - Lemna minor	96 hours
	Acute LC50 3600000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 1000000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Chronic NOEC 1000000 µg/l Fresh water	Aquatic plants - Lemna minor	96 hours
	Chronic NOEC 160000 µg/l Fresh water	Daphnia - Daphnia magna	21 days
sulfadiazine	Acute EC50 0.11 mg/l Marine water	Daphnia - Daphnia magna	21 days
		Algae - Phaeodactylum tricornutum - Exponential growth phase	96 hours
	Acute EC50 2.19 mg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 88000 µg/l	Daphnia - Daphnia magna	48 hours
	Chronic EC10 8.8 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 0.01 mg/l Marine water	Algae - Phaeodactylum tricornutum - Exponential growth phase	96 hours
		Algae - Pseudokirchneriella subcapitata - Exponential growth phase	3 days
Erythromycin	Acute EC50 0.02 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Young	48 hours
	Acute EC50 0.22 mg/l Fresh water	Daphnia - Daphnia longispina	48 hours
	Acute LC50 24 mg/l Fresh water	Fish - Morone saxatilis - Fry	96 hours
	Acute LC50 349000 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Chronic NOEC 0.0103 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 11.1 mg/l Fresh water	Fish - Oryzias latipes - Embryo	40 days
	Chronic NOEC 100 mg/l Fresh water		

SECTION 12: Ecological information

12.2 Persistence and degradability

Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Veterinary Drugs Comprehensive Mix - Submix 2 Acetonitrile	-	-	Readily
Veterinary Drugs Comprehensive Mix - Submix 10 Acetonitrile	-	-	Readily
Veterinary Drugs Comprehensive Mix - Submix 3B Acetonitrile	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Veterinary Drugs Comprehensive Mix - Submix 1 Avermectin A1a, 25-cyclohexyl-5-O-demethyl- 25-de(1-methylpropyl)-	4.43	-	high
Veterinary Drugs Comprehensive Mix - Submix 2 Acetonitrile	-0.34	3	low
Veterinary Drugs Comprehensive Mix - Submix 10 Acetonitrile	-0.34	3	low
Veterinary Drugs Comprehensive Mix - Submix 3B Acetonitrile sulfadiazine Erythromycin	-0.34 -0.09 3.06	3 - -	low low 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 spilt 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.

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 1	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 2	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 5	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 10	Not applicable.
	Veterinary Drugs Comprehensive Mix - Submix 3A	Not applicable.

Veterinary Drugs Comprehensive Mix - Box 1 of 2, Part Number 5190-0554B

SECTION 15: Regulatory information

Veterinary Drugs
Comprehensive Mix -
Submix 3B

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

Category

Veterinary Drugs Comprehensive Mix - Submix 1
E1

Veterinary Drugs Comprehensive Mix - Submix 2
P5c

Veterinary Drugs Comprehensive Mix - Submix 10
P5c

Veterinary Drugs Comprehensive Mix - Submix 3B
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.

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SECTION 15: Regulatory information

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.

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 1 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	Calculation method Calculation method
Veterinary Drugs Comprehensive Mix - Submix 2 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 10 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 3B 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

Full text of abbreviated H statements

SECTION 16: Other information

<p>Veterinary Drugs Comprehensive Mix - Submix 1 H300 H302 H311 H330 H361d H361fd (oral) H361fd H362 H372 H373 H400 H410</p>	<p>Fatal if swallowed. Harmful if swallowed. Toxic in contact with skin. Fatal if inhaled. Suspected of damaging the unborn child. Suspected of damaging fertility if swallowed. Suspected of damaging the unborn child if swallowed. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause harm to breast-fed children. Causes damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 2 H225 H302 H312 H319 H332</p>	<p>Highly flammable liquid and vapour. Harmful if swallowed. Harmful in contact with skin. Causes serious eye irritation. Harmful if inhaled.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 10 H225 H302 H312 H319 H332</p>	<p>Highly flammable liquid and vapour. Harmful if swallowed. Harmful in contact with skin. Causes serious eye irritation. Harmful if inhaled.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 3B H225 H302 H312 H315 H317 H319 H332 H334 H335 H400 H410</p>	<p>Highly flammable liquid and vapour. Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.</p>

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

<p>Veterinary Drugs Comprehensive Mix - Submix 1 Acute Tox. 1, H300 Acute Tox. 1, H330 Acute Tox. 2, H300 Acute Tox. 3, H311 Acute Tox. 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Lact., H362 Repr. 2, H361d</p>	<p>ACUTE TOXICITY (oral) - Category 1 ACUTE TOXICITY (inhalation) - Category 1 ACUTE TOXICITY (oral) - Category 2 ACUTE TOXICITY (dermal) - Category 3 ACUTE TOXICITY (oral) - Category 4 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 REPRODUCTIVE TOXICITY - Effects on or via lactation REPRODUCTIVE TOXICITY (Unborn child) - Category 2</p>
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Veterinary Drugs Comprehensive Mix - Box 1 of 2, Part Number 5190-0554B

SECTION 16: Other information

Repr. 2, H361fd (oral)	REPRODUCTIVE TOXICITY (Fertility and Unborn child) (oral) - Category 2
Repr. 2, H361fd	REPRODUCTIVE TOXICITY (Fertility and Unborn child) - Category 2
STOT RE 1, H372	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1
STOT RE 2, H373	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
Veterinary Drugs Comprehensive Mix - Submix 2	
Acute Tox. 4, H302	ACUTE TOXICITY (oral) - Category 4
Acute Tox. 4, H312	ACUTE TOXICITY (dermal) - Category 4
Acute Tox. 4, H332	ACUTE TOXICITY (inhalation) - Category 4
Eye Irrit. 2, H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2, H225	FLAMMABLE LIQUIDS - Category 2
Veterinary Drugs Comprehensive Mix - Submix 10	
Acute Tox. 4, H302	ACUTE TOXICITY (oral) - Category 4
Acute Tox. 4, H312	ACUTE TOXICITY (dermal) - Category 4
Acute Tox. 4, H332	ACUTE TOXICITY (inhalation) - Category 4
Eye Irrit. 2, H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2, H225	FLAMMABLE LIQUIDS - Category 2
Veterinary Drugs Comprehensive Mix - Submix 3B	
Acute Tox. 4, H302	ACUTE TOXICITY (oral) - Category 4
Acute Tox. 4, H312	ACUTE TOXICITY (dermal) - Category 4
Acute Tox. 4, H332	ACUTE TOXICITY (inhalation) - Category 4
Aquatic Acute 1, H400	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1, H410	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Eye Irrit. 2, H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2, H225	FLAMMABLE LIQUIDS - Category 2
Resp. Sens. 1, H334	RESPIRATORY SENSITISATION - Category 1
Skin Irrit. 2, H315	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1, H317	SKIN SENSITISATION - Category 1
Skin Sens. 1B, H317	SKIN SENSITISATION - Category 1B
STOT SE 3, H335	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3

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