

SAFETY DATA SHEET



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

Section 1. Identification

Product identifier	: 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

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

Supplier/Manufacturer : Agilent Technologies Australia Pty Ltd
679 Springvale Road
Mulgrave
Victoria 3170, Australia
1800 802 402

Emergency telephone number (with hours of operation) : CHEMTREC®: +(61)-290372994

Section 2. Hazard(s) identification

Classification of the substance or mixture

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

Section 2. Hazard(s) identification

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 2A

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 2A

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 2A

GHS label elements

Hazard pictograms

- ▶ 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

- ▶ 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 - DANGER

Section 2. Hazard(s) identification

Hazard statements

Submix 3B	: <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	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 2	H225 - Highly flammable liquid and vapour.
Veterinary Drugs Comprehensive Mix - Submix 5	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 5	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 10	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 10	H225 - Highly flammable liquid and vapour.
Veterinary Drugs Comprehensive Mix - Submix 3A	: <input checked="" type="checkbox"/> 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	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 3B	H225 - Highly flammable liquid and vapour.
		H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled. H319 - Causes serious eye irritation.

Precautionary statements

Prevention

Veterinary Drugs Comprehensive Mix - Submix 1	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 1	P273 - Avoid release to the environment.
Veterinary Drugs Comprehensive Mix - Submix 2	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 2	P280 - Wear protective gloves. Wear eye or face protection. Wear protective clothing.
Veterinary Drugs Comprehensive Mix - Submix 5	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 5	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P233 - Keep container tightly closed. P271 - Use only outdoors or in a well-ventilated area. P261 - Avoid breathing vapour. P270 - Do not eat, drink or smoke when using this product. P264 - Wash hands thoroughly after handling. Not applicable.
Veterinary Drugs Comprehensive Mix - Submix 10	: <input checked="" type="checkbox"/> Veterinary Drugs Comprehensive Mix - Submix 10	P280 - Wear protective gloves. Wear eye or face protection. Wear protective clothing.
		P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge.

Section 2. Hazard(s) identification

	<p>Veterinary Drugs Comprehensive Mix - Submix 3A</p> <p>Veterinary Drugs Comprehensive Mix - Submix 3B</p>	<p>P233 - Keep container tightly closed. P271 - Use only outdoors or in a well-ventilated area. P261 - Avoid breathing vapour. P270 - Do not eat, drink or smoke when using this product. P264 - Wash hands thoroughly after handling. Not applicable.</p> <p>P280 - Wear protective gloves. Wear eye or face protection. Wear protective clothing.</p> <p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P233 - Keep container tightly closed. P271 - Use only outdoors or in a well-ventilated area. P261 - Avoid breathing vapour. P270 - Do not eat, drink or smoke when using this product. P264 - Wash hands thoroughly after handling.</p> <p>P391 - Collect spillage.</p>
<p>Response</p>	<p>: Veterinary Drugs Comprehensive Mix - Submix 1</p> <p>Veterinary Drugs Comprehensive Mix - Submix 2</p>	<p>P304 + P340 + P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P301 + P312 + P330 - IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P302 + P352 + P312 - IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or physician if you feel unwell. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention. Not applicable.</p>
	<p>Veterinary Drugs Comprehensive Mix - Submix 5</p> <p>Veterinary Drugs Comprehensive Mix - Submix 10</p>	<p>P304 + P340 + P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P301 + P312 + P330 - IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P302 + P352 + P312 - IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or physician if you feel unwell. P305 + P351 + P338 - IF IN EYES: Rinse cautiously</p>

Section 2. Hazard(s) identification

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

with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical attention.
Not applicable.

P304 + P340 + P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
P301 + P312 + P330 - IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth.
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P302 + P352 + P312 - IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or physician if you feel unwell.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical attention.

Storage

: 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

Not applicable.

P403 - Store in a well-ventilated place.

P235 - Keep cool.
Not applicable.

P403 - Store in a well-ventilated place.

P235 - Keep cool.
Not applicable.

P403 - Store in a well-ventilated place.

Disposal

: 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

P235 - Keep cool.
P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Not applicable.

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Not applicable.

Section 2. Hazard(s) identification

	Veterinary Drugs Comprehensive Mix - Submix 3B	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements		
Additional warning phrases	: 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.
Other hazards which do not result in classification	: Veterinary Drugs Comprehensive Mix - Submix 1	None known.
	Veterinary Drugs Comprehensive Mix - Submix 2	None known.
	Veterinary Drugs Comprehensive Mix - Submix 5	None known.
	Veterinary Drugs Comprehensive Mix - Submix 10	None known.
	Veterinary Drugs Comprehensive Mix - Submix 3A	None known.
	Veterinary Drugs Comprehensive Mix - Submix 3B	None known.

Section 3. Composition and ingredient information

Substance/mixture	: 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

Section 3. Composition and ingredient information

Veterinary Drugs Mixture
 Comprehensive Mix -
 Submix 3B

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
Veterinary Drugs Comprehensive Mix - Submix 1		
Dimethyl sulfoxide	≥90	67-68-5
Avermectin B1	≤0.1	71751-41-2
Avermectin A1a, 25-cyclohexyl-5-O-demethyl-25-de(1-methylpropyl)-	≤0.1	117704-25-3
Ivermectin	≤0.1	70288-86-7
Veterinary Drugs Comprehensive Mix - Submix 2		
Acetonitrile	≥75 - ≤90	75-05-8
Veterinary Drugs Comprehensive Mix - Submix 5		
Dimethyl sulfoxide	≥90	67-68-5
Veterinary Drugs Comprehensive Mix - Submix 10		
Acetonitrile	≥75 - ≤90	75-05-8
Veterinary Drugs Comprehensive Mix - Submix 3A		
Dimethyl sulfoxide	≥90	67-68-5
Veterinary Drugs Comprehensive Mix - Submix 3B		
Acetonitrile	≥75 - ≤90	75-05-8

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

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

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Veterinary Drugs Comprehensive Mix - Submix 1	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.
	Veterinary Drugs Comprehensive Mix - Submix 2	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
	Veterinary Drugs Comprehensive Mix - Submix 5	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.
	Veterinary Drugs Comprehensive Mix - Submix 10	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
	Veterinary Drugs Comprehensive Mix - Submix 3A	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.
	Veterinary Drugs Comprehensive Mix - Submix 3B	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.

Section 4. First aid measures

Inhalation

<p>Veterinary Drugs Comprehensive Mix - Submix 1</p>	<p>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.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 2</p>	<p>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.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 5</p>	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 10</p>	<p>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.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 3A</p>	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 3B</p>	<p>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</p>

Section 4. First aid measures

Skin 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

Ingestion

: Veterinary Drugs
Comprehensive Mix -
Submix 1

Veterinary Drugs
Comprehensive Mix -
Submix 2

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

Section 4. First aid measures

<p>Veterinary Drugs Comprehensive Mix - Submix 5</p>	<p>Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p> <p>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.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 10</p>	<p>Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p> <p>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.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 3A</p>	<p>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.</p> <p>Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 3B</p>	<p>Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p>

Most important symptoms/effects, acute and delayed

Potential acute health effects

Section 4. First aid measures

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.	
	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.	
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.	

Section 4. First aid measures

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
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.

Section 4. First aid measures

	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.

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

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	In case of inhalation of decomposition products in a

Section 4. First aid measures

	Comprehensive Mix - Submix 3B	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.
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 water before removing it, or wear gloves.
	Veterinary Drugs Comprehensive Mix - Submix 3A	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.

See toxicological information (Section 11)

Section 5. Firefighting measures


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.
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.
Specific hazards arising from the chemical	: <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

Section 5. Firefighting measures

		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. In a fire or if heated, a pressure increase will occur and the container may burst.
	Veterinary Drugs Comprehensive Mix - Submix 3A	
	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 thermal decomposition products	: Veterinary Drugs Comprehensive Mix - Submix 1	Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides
	Veterinary Drugs Comprehensive Mix - Submix 2	Decomposition products may include the following materials: 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
Special protective actions 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

Section 5. Firefighting measures

	Veterinary Drugs Comprehensive Mix - Submix 5	area if this can be done without risk. Use water spray to keep fire-exposed containers cool. 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.
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.
	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.
	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.
	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.
	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.
	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.
Hazchem code	:  Veterinary Drugs Comprehensive Mix - Submix 1	•3Z
	Veterinary Drugs Comprehensive Mix - Submix 2	•2YE
	Veterinary Drugs Comprehensive Mix - Submix 5	Not available.
	Veterinary Drugs Comprehensive Mix - Submix 10	•2YE
	Veterinary Drugs Comprehensive Mix - Submix 3A	Not available.
	Veterinary Drugs	•2YE

Section 5. Firefighting measures

Comprehensive Mix -
Submix 3B

Section 6. Accidental release measures

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 Comprehensive Mix - Submix 10	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 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

Section 6. Accidental release measures

Veterinary Drugs
Comprehensive Mix -
Submix 5

information in "For non-emergency personnel".
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".

Environmental precautions : Veterinary Drugs
Comprehensive Mix -
Submix 1

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

Veterinary Drugs
Comprehensive Mix -
Submix 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).

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).

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

Section 6. Accidental release measures

Veterinary Drugs
Comprehensive Mix -
Submix 5

with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

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.

Section 7. Handling and storage

Precautions for safe handling

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

Section 7. Handling and storage

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. Put on appropriate personal protective equipment (see Section 8).

Veterinary Drugs
Comprehensive Mix -
Submix 3A
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.

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

Section 7. Handling and storage

	<p>Veterinary Drugs Comprehensive Mix - Submix 3B</p>	<p>before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.</p>
<p>Conditions for safe storage, including any incompatibilities</p>	<p>Veterinary Drugs Comprehensive Mix - Submix 1</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 2</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 5</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 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</p>

Section 7. Handling and storage

Veterinary Drugs
Comprehensive Mix -
Submix 3A

containment to avoid environmental contamination. See Section 10 for 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.

Veterinary Drugs
Comprehensive Mix -
Submix 3B

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.

Section 8. Exposure controls and personal protection

[Control parameters](#)

[Occupational exposure limits](#)

Ingredient name	Exposure limits
<p>Veterinary Drugs Comprehensive Mix - Submix 1 Dimethyl sulfoxide</p>	<p>DFG MAC-values list (Germany, 7/2015). Absorbed through skin. PEAK: 320 mg/m³, 4 times per shift, 15 minutes. TWA: 160 mg/m³ 8 hours. PEAK: 100 ppm, 4 times per shift, 15 minutes. TWA: 50 ppm 8 hours.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 2 Acetonitrile</p>	<p>Safe Work Australia (Australia, 1/2014). Absorbed through skin. STEL: 101 mg/m³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 67 mg/m³ 8 hours. TWA: 40 ppm 8 hours.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 5 Dimethyl sulfoxide</p>	<p>DFG MAC-values list (Germany, 7/2015). Absorbed through skin. PEAK: 320 mg/m³, 4 times per shift, 15 minutes. TWA: 160 mg/m³ 8 hours. PEAK: 100 ppm, 4 times per shift, 15</p>

Section 8. Exposure controls and personal protection

<p>Veterinary Drugs Comprehensive Mix - Submix 10 Acetonitrile</p>	<p>minutes. TWA: 50 ppm 8 hours.</p> <p>Safe Work Australia (Australia, 1/2014). Absorbed through skin. STEL: 101 mg/m³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 67 mg/m³ 8 hours. TWA: 40 ppm 8 hours.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 3A Dimethyl sulfoxide</p>	<p>DFG MAC-values list (Germany, 7/2015). Absorbed through skin. PEAK: 320 mg/m³, 4 times per shift, 15 minutes. TWA: 160 mg/m³ 8 hours. PEAK: 100 ppm, 4 times per shift, 15 minutes. TWA: 50 ppm 8 hours.</p>
<p>Veterinary Drugs Comprehensive Mix - Submix 3B Acetonitrile</p>	<p>Safe Work Australia (Australia, 1/2014). Absorbed through skin. STEL: 101 mg/m³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 67 mg/m³ 8 hours. TWA: 40 ppm 8 hours.</p>

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

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

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

Section 8. Exposure controls and personal protection

Breakthrough time: >30 minutes

While not recommended, if typical disposable laboratory nitrile gloves are used, they need to be removed immediately if contacted with the mixture.

When contacted with the product, typical laboratory nitrile gloves have very short breakthrough times, considerably less than 10 minutes.

- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : When used as intended with Agilent instruments, the use of the product under normal laboratory conditions and with standard practices does not result in significant airborne exposures, and, therefore, respiratory protection isn't needed.

In emergency situations, when a respirator is needed, use a full-face supplied air respirator and components tested and approved under appropriate government standards such as CEN (EU) or NIOSH (US).

Section 9. 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 Comprehensive Mix - Submix 3A	Not available.
	: Veterinary Drugs Comprehensive Mix - Submix 3B	Not available.

Section 9. Physical and chemical properties

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 - Submix 3B	Not available.	

Section 9. Physical and chemical properties

Melting point	:	Veterinary Drugs Comprehensive Mix - Submix 1	18.5°C (65.3°F)	
		Veterinary Drugs Comprehensive Mix - Submix 2	-46°C (-50.8°F)	
		Veterinary Drugs Comprehensive Mix - Submix 5	18.5°C (65.3°F)	
		Veterinary Drugs Comprehensive Mix - Submix 10	-46°C (-50.8°F)	
		Veterinary Drugs Comprehensive Mix - Submix 3A	18.5°C (65.3°F)	
		Veterinary Drugs Comprehensive Mix - Submix 3B	-46°C (-50.8°F)	
	Boiling point	:	Veterinary Drugs Comprehensive Mix - Submix 1	189°C (372.2°F)
			Veterinary Drugs Comprehensive Mix - Submix 2	82°C (179.6°F)
			Veterinary Drugs Comprehensive Mix - Submix 5	189°C (372.2°F)
			Veterinary Drugs Comprehensive Mix - Submix 10	82°C (179.6°F)
			Veterinary Drugs Comprehensive Mix - Submix 3A	189°C (372.2°F)
			Veterinary Drugs Comprehensive Mix - Submix 3B	82°C (179.6°F)
Flash point		:	Veterinary Drugs Comprehensive Mix - Submix 1	Open cup: 95°C (203°F)
			Veterinary Drugs Comprehensive Mix - Submix 2	Closed cup: 12.8°C (55°F)
			Veterinary Drugs Comprehensive Mix - Submix 5	Open cup: 95°C (203°F)
			Veterinary Drugs Comprehensive Mix - Submix 10	Closed cup: 12.8°C (55°F)
			Veterinary Drugs Comprehensive Mix - Submix 3A	Open cup: 95°C (203°F)
			Veterinary Drugs Comprehensive Mix - Submix 3B	Closed cup: 12.8°C (55°F)

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.	
Lower and upper explosive (flammable) 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%	
		Upper: 16%	

Section 9. Physical and chemical properties

Vapour pressure	: Veterinary Drugs Comprehensive Mix - Submix 1	0.049 kPa (0.37 mm Hg) [room temperature]	
	Veterinary Drugs Comprehensive Mix - Submix 2	9.7 kPa (72.75 mm Hg) [room temperature]	
	Veterinary Drugs Comprehensive Mix - Submix 5	0.049 kPa (0.37 mm Hg) [room temperature]	
	Veterinary Drugs Comprehensive Mix - Submix 10	9.7 kPa (72.75 mm Hg) [room temperature]	
	Veterinary Drugs Comprehensive Mix - Submix 3A	0.049 kPa (0.37 mm Hg) [room temperature]	
	Veterinary Drugs Comprehensive Mix - Submix 3B	9.7 kPa (72.75 mm Hg) [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	: 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 (419°F)
		: Veterinary Drugs Comprehensive Mix - Submix 2	524°C (975.2°F)
	: Veterinary Drugs Comprehensive Mix - Submix 5	215°C (419°F)	
	: Veterinary Drugs Comprehensive Mix - Submix 10	524°C (975.2°F)	
	: Veterinary Drugs Comprehensive Mix - Submix 3A	215°C (419°F)	
	: Veterinary Drugs Comprehensive Mix - Submix 3B	524°C (975.2°F)	

Section 9. Physical and chemical properties

Decomposition temperature	: Veterinary Drugs Comprehensive Mix - Submix 1	140 to 189°C (284 to 372.2°F)
		Not available.
	: Veterinary Drugs Comprehensive Mix - Submix 2	140 to 189°C (284 to 372.2°F)
		Not available.
	: Veterinary Drugs Comprehensive Mix - Submix 5	140 to 189°C (284 to 372.2°F)
		Not available.
	: Veterinary Drugs Comprehensive Mix - Submix 10	140 to 189°C (284 to 372.2°F)
		Not available.
	: Veterinary Drugs Comprehensive Mix - Submix 3A	140 to 189°C (284 to 372.2°F)
		Not available.
	: Veterinary Drugs Comprehensive Mix - Submix 3B	140 to 189°C (284 to 372.2°F)
		Not available.

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

Section 10. Stability and reactivity

Reactivity	: Veterinary Drugs Comprehensive Mix - Submix 1	No specific test data related to reactivity available for this product or its ingredients.
		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.
		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.
		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.
		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.
		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.
		No specific test data related to reactivity available for this product or its ingredients.

Section 10. Stability and reactivity

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 Comprehensive Mix - Submix 3B	The product is stable.	
	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.	
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.	

Section 10. Stability and reactivity

Do not allow vapour to accumulate in low or confined areas.

Incompatible materials	: 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	May react or be incompatible with oxidising materials. Reactive or incompatible with the following materials: oxidizing materials May react or be incompatible with oxidising materials. Reactive or incompatible with the following materials: oxidizing materials May react or be incompatible with oxidising materials. Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: 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	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Veterinary Drugs Comprehensive Mix - Submix 1				
Dimethyl sulfoxide	LD50 Dermal	Rat	40000 mg/kg	-
	LD50 Oral	Rat	14500 mg/kg	-
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 -				

Section 11. Toxicological information

Submix 2 Acetonitrile	LC50 Inhalation Vapour LD50 Oral	Rat Rat	17100 ppm 2460 mg/kg	4 hours -
Veterinary Drugs Comprehensive Mix - Submix 5 Dimethyl sulfoxide	LD50 Dermal LD50 Oral	Rat Rat	40000 mg/kg 14500 mg/kg	- -
Veterinary Drugs Comprehensive Mix - Submix 10 Acetonitrile	LC50 Inhalation Vapour LD50 Oral	Rat Rat	17100 ppm 2460 mg/kg	4 hours -
Veterinary Drugs Comprehensive Mix - Submix 3A Dimethyl sulfoxide	LD50 Dermal LD50 Oral	Rat Rat	40000 mg/kg 14500 mg/kg	- -
Veterinary Drugs Comprehensive Mix - Submix 3B Acetonitrile	LC50 Inhalation Vapour LD50 Oral	Rat Rat	17100 ppm 2460 mg/kg	4 hours -

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Veterinary Drugs Comprehensive Mix - Submix 1 Dimethyl sulfoxide	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Mild irritant	Rabbit	-	100 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	100 milligrams	-
Veterinary Drugs Comprehensive Mix - Submix 2 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
Veterinary Drugs Comprehensive Mix - Submix 5 Dimethyl sulfoxide	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Mild irritant	Rabbit	-	100 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	100 milligrams	-

Section 11. Toxicological information

Veterinary Drugs Comprehensive Mix - Submix 10 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
Veterinary Drugs Comprehensive Mix - Submix 3A Dimethyl sulfoxide	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Mild irritant	Rabbit	-	100 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	100 milligrams	-
Veterinary Drugs Comprehensive Mix - Submix 3B Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-

Sensitisation

Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

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 Routes of entry anticipated: Oral, Dermal, Inhalation.

Section 11. Toxicological information

Comprehensive Mix -
Submix 5
Veterinary Drugs
Comprehensive Mix -
Submix 10
Veterinary Drugs
Comprehensive Mix -
Submix 3A
Veterinary Drugs
Comprehensive Mix -
Submix 3B

Routes of entry anticipated: Oral, Dermal, Inhalation.

Routes of entry anticipated: Oral, Dermal, Inhalation.

Routes of entry anticipated: Oral, Dermal, Inhalation.

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 -
Submix 5
Veterinary Drugs
Comprehensive Mix -
Submix 10

No known significant effects or critical hazards.

Harmful in contact with skin.

No known significant effects or critical hazards.

Harmful in contact with skin.

Section 11. Toxicological information

	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.

Symptoms related to the physical, chemical and toxicological characteristics

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
Inhalation	: Veterinary Drugs Comprehensive Mix - Submix 1	No specific data.
	Veterinary Drugs Comprehensive Mix - Submix 2	No specific data.
	Veterinary Drugs	No specific data.

Section 11. Toxicological information

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

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

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Section 11. Toxicological information

General	: Veterinary Drugs Comprehensive Mix - Submix 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. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Carcinogenicity	: 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. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	: 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. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

Section 11. Toxicological information

Teratogenicity	: 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. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Developmental effects	: 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. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Fertility effects	: 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. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

Numerical measures of toxicity

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

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Veterinary Drugs Comprehensive Mix - Submix 1 Dimethyl sulfoxide	Acute LC50 25000 ppm Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
Avermectin B1	Acute LC50 34000000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Chronic NOEC 100 µl/L Marine water	Algae - Ulva lactuca	72 hours
	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
Avermectin A1a, 25-cyclohexyl-5-O-demethyl-25-de(1-methylpropyl)-Ivermectin	Chronic NOEC 0.0047 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Acute EC50 0.0000637 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 0.026 µg/l Marine water	Crustaceans - Neomysis integer	48 hours
	Acute LC50 1.2 ng/L Fresh water	Daphnia - Daphnia magna - Young	48 hours
	Acute LC50 17.21 µg/l Fresh water	Fish - Danio rerio - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Chronic NOEC 391 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
Veterinary Drugs Comprehensive Mix - Submix 2 Acetonitrile	Chronic NOEC 0.0003 ng/L Fresh water	Daphnia - Daphnia magna - Young	21 days
	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

Section 12. Ecological information

Veterinary Drugs Comprehensive Mix - Submix 5 Dimethyl sulfoxide	Acute LC50 25000 ppm Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 34000000 µg/l Fresh water Chronic NOEC 100 ul/L Marine water	Fish - Pimephales promelas Algae - Ulva lactuca	96 hours 72 hours
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 Acute LC50 1000000 µg/l Fresh water Chronic NOEC 1000000 µg/l Fresh water Chronic NOEC 160000 µg/l Fresh water	Daphnia - Daphnia magna Fish - Pimephales promelas Aquatic plants - Lemna minor Daphnia - Daphnia magna	48 hours 96 hours 96 hours 21 days
Veterinary Drugs Comprehensive Mix - Submix 3A Dimethyl sulfoxide	Acute LC50 25000 ppm Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 34000000 µg/l Fresh water Chronic NOEC 100 ul/L Marine water	Fish - Pimephales promelas Algae - Ulva lactuca	96 hours 72 hours
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 Acute LC50 1000000 µg/l Fresh water Chronic NOEC 1000000 µg/l Fresh water Chronic NOEC 160000 µg/l Fresh water	Daphnia - Daphnia magna Fish - Pimephales promelas Aquatic plants - Lemna minor Daphnia - Daphnia magna	48 hours 96 hours 96 hours 21 days

Persistence and degradability

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

Bioaccumulative potential

Section 12. Ecological information

Product/ingredient name	LogP _{ow}	BCF	Potential
Veterinary Drugs Comprehensive Mix - Submix 1			
Dimethyl sulfoxide	-1.35	3.16	low
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 5			
Dimethyl sulfoxide	-1.35	3.16	low
Veterinary Drugs Comprehensive Mix - Submix 10			
Acetonitrile	-0.34	3	low
Veterinary Drugs Comprehensive Mix - Submix 3A			
Dimethyl sulfoxide	-1.35	3.16	low
Veterinary Drugs Comprehensive Mix - Submix 3B			
Acetonitrile	-0.34	3	low

Mobility in soil

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

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

Section 13. Disposal considerations

Disposal methods : 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. 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

ADG / IMDG / IATA : Not regulated as Dangerous Goods according to the ADG Code .

Additional information

Remarks: De minimis quantities

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

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

Section 15. Regulatory information

Standard Uniform Schedule of Medicine and Poisons

6, 5

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

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

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

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

Section 16. Any other relevant information

History

Date of issue/Date of revision : 27/04/2018

Date of previous issue : 29/07/2016

Version : 3

Key to abbreviations

: ADG = Australian Dangerous Goods
 ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = International Maritime Dangerous Goods
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 NOHSC = National Occupational Health and Safety Commission
 SUSMP = Standard Uniform Schedule of Medicine and Poisons
 UN = United Nations

Procedure used to derive the classification

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. 2A, 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. 2A, 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. 2A, H319	On basis of test data Calculation method Calculation method Calculation method Calculation method

References : Not available.

✔ Indicates information that has changed from previously issued version.

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