### **SAFETY DATA SHEETS**

# This SDS packet was issued with item: 078950679

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078950672 078950675 078950680 078950681 078950694 078950706 078950707 078950708 078950709 078950710



# **SAFETY DATA SHEET**

Advantage Cat & Dog

# Section 1. Identification

Product identifier	:	Advantage Cat & Dog
Product code	:	Not available.
Other means of identification	:	Advantage; Advantage® Topical Solution; 122000001165

<u>Relevant identified uses of the substance or mixture and uses advised against</u>				
Identified uses	: Veterinary pharmaceutical.			
Uses advised against	: None known.			
Company Name	: Elanco Columbia S.A.S. Calle 98, No. 9 A – 41, office 601 Bogota, Colombia			
Telephone number	: Not Available			
Emergency telephone number	: CHEMTREC International: 00 1 703-527-3887 (24 hours)			
Email	: elanco_sds@elancoah.com			
Transportation Emergency telephone number	: CHEMTREC International: 00 1 703-527-3887 (24 hours)			

# Section 2. Hazard identification

Classification of the substance or mixture	: ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 5 ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION/IRRITATION - Category 3 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A AQUATIC HAZARD (ACUTE) - Category 1 AQUATIC HAZARD (LONG-TERM) - Category 1
GHS label elements	
Hazard pictograms	
Signal word	: Warning
Hazard statements	: Harmful if swallowed or if inhaled. May be harmful in contact with skin. Causes mild skin irritation. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.
Precautionary statements	
General	: Read carefully and follow all instructions. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	: Wear eye or face protection. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Avoid breathing vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

# Section 2. Hazard identification

Response	: Collect spillage. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth. IF ON SKIN: Call a POISON CENTER or doctor if you feel unwell. If skin irritation occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Storage	: Not applicable.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Other hazards which do not : None known. result in classification

# Section 3. Composition/information on ingredients

Substance/mixture : Mixture		
Ingredient name	%	CAS number
benzyl alcohol propylene carbonate	≥75 - ≤90 ≥10 - ≤25	100-51-6 108-32-7
2-Imidazolidinimine, 1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-, (2E)-	≤10	138261-41-3

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	<ul> <li>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.</li> </ul>
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention if adverse health effects persist or are severe. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Wash out mouth with water. Remove dentures if any. 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.

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

# Section 4. First aid measures

Potential acute health effe	<u>cts</u>	
Eye contact	:	Causes serious eye irritation.
Inhalation	1	Harmful if inhaled.
Skin contact	1	May be harmful in contact with skin. Causes mild skin irritation.
Ingestion	:	Harmful if swallowed.
Over-exposure signs/sym	otom	<u>15</u>
Eye contact	:	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	1	No specific data.
Skin contact	:	Adverse symptoms may include the following: irritation redness
Ingestion	:	No specific data.
Indication of immediate me	dica	l attention and special treatment needed, if necessary
Notes to physician	:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	:	No specific treatment.
Protection of first-aiders	:	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. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	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.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds
Special protective actions for fire-fighters	<ul> <li>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.</li> </ul>
Special protective equipment for fire-fighters	<ul> <li>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</li> </ul>

# Section 6. Accidental release measures

Personal precautions, protect	tive equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
Methods and materials for co	ontainment and cleaning up
Small spill	: 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.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth,

local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

vermiculite or diatomaceous earth and place in container for disposal according to

## Section 7. Handling and storage

#### Precautions for safe handling

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Protective measures	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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.
Advice on general occupational hygiene	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.
Conditions for safe storage, including any incompatibilities	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

#### Control parameters

**Occupational exposure limits** 

Ingredient name	Exposure limits
None.	

Appropriate engineering controls	<ul> <li>Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.</li> </ul>
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 meas	<u>ures</u>
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	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	<ul> <li>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.</li> </ul>
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
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# Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

#### **Appearance**

Physical state	: Liquid.
Color	: Colorless. Brown. Yellow.
Odor	: Mild.
Odor threshold	: Not available.
рН	: 6.4 [Conc. (% w/w): 10%]

# Section 9. Physical and chemical properties and safety characteristics

Melting point/freezing point	: -28 to -25°C (-18.4 to -13°F)
Boiling point, initial boiling point, and boiling range	: 207°C (404.6°F)
Flash point	: Closed cup: 98.9°C (210°F)
Evaporation rate	: Not available.
Flammability	: Not available.
Lower and upper explosion limit/flammability limit	: Not available.
Vapor pressure	: 0.2 kPa (1.5 mm Hg) [room temperature] 0.9 kPa (6.75 mm Hg) [50°C (122°F)]
Relative vapor density	: Not available.
Relative density	: Not available.
Density	: 1.098 g/cm³ [20°C (68°F)]
Solubility	: Not available.
Solubility in water	: Not available.
Miscible with water	: No.
Partition coefficient: n- octanol/water	: Not applicable.
Auto-ignition temperature	: 415°C (779°F) [DIN 51794]
Decomposition temperature	: Not available.
Viscosity	: Not available.
Flow time (ISO 2431)	: Not available.
Particle characteristics	
Median particle size	: Not applicable.

# Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

Information on toxicological effects Acute toxicity

# Section 11. Toxicological information

Product/ingredient name	Result	Species	Dose	Exposure
Advantage Cat & Dog	LC50 Inhalation Dusts and mists	Rat	>2.415 mg/l	4 hours
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat - Female	1742 mg/kg	-
benzyl alcohol	LC50 Inhalation Dusts and mists	Rat	>4178 mg/m <sup>3</sup>	4 hours
-	LD50 Dermal	Rabbit	2000 mg/kg	-
	LD50 Oral	Rat	1230 mg/kg	-
propylene carbonate	LD50 Oral	Rat	>5000 mg/kg	-
2-Imidazolidinimine, 1-[ (6-chloro-3-pyridinyl)methyl]- N-nitro-, (2E)-	LC50 Inhalation Dusts and mists	Rat	>5.323 mg/l	4 hours
	LD50 Dermal	Rat	>5000 mg/kg	-
	LD50 Oral	Rat	410 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Advantage Cat & Dog	Skin - Mild irritant	Rabbit	-	-	-
	Eyes - Irritant	Rabbit	-	-	-
benzyl alcohol	Skin - Mild irritant	Man	-	48 hours 16	-
-				mg	
	Skin - Moderate irritant	Pig	-	100 %	-
	Skin - Moderate irritant	Rabbit	-	24 hours 100	-
				mg	
	Eyes - Irritant	Rabbit	-	-	-
propylene carbonate	Eyes - Moderate irritant	Rabbit	-	60 mg	-
	Skin - Moderate irritant	Human	-	72 hours 100	-
				mg I	
	Skin - Moderate irritant	Rabbit	-	500 mg	-

#### **Sensitization**

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### **Reproductive toxicity**

Not available.

#### **Teratogenicity**

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

# Information on the likely<br/>routes of exposure: Not available.Potential acute health effects:Eye contact: Causes serious eye irritation.Inhalation: Harmful if inhaled.Skin contact: May be harmful in contact with skin. Causes mild skin irritation.

#### Section 11. Toxicological information : Harmful if swallowed. Ingestion Symptoms related to the physical, chemical and toxicological characteristics Eye contact : Adverse symptoms may include the following: pain or irritation watering redness Inhalation : No specific data. **Skin contact** : Adverse symptoms may include the following: irritation redness Ingestion : No specific data. Delayed and immediate effects and also chronic effects from short and long term exposure Short term exposure **Potential immediate** : Not available. effects **Potential delayed effects** : Not available. Long term exposure **Potential immediate** : Not available. effects **Potential delayed effects** : Not available. Potential chronic health effects Not available. General : No known significant effects or critical hazards. Carcinogenicity : No known significant effects or critical hazards. : No known significant effects or critical hazards. **Mutagenicity Reproductive toxicity** : No known significant effects or critical hazards.

#### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Advantage Cat & Dog benzyl alcohol 2-Imidazolidinimine, 1-[(6-chloro-3-pyridinyl)methyl]- N-nitro-, (2E)-	1742 1230 410	2500 2000 N/A	N/A N/A N/A	N/A N/A N/A	1.5 1.5 N/A

# Section 12. Ecological information

#### **Toxicity**

# Section 12. Ecological information

Product/ingredient name	Result	Species	Exposure
benzyl alcohol	Acute EC50 230 mg/l	Daphnia - Daphnia magna	48 hours
-	Acute LC50 10000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
propylene carbonate	EC50 >900 mg/l	Algae	72 hours
	EC50 >500 mg/l	Daphnia - Daphnia magna	48 hours
	LC50 5300 mg/l	Fish - Leuciscus idus	96 hours
	Acute EC50 >1000 mg/l	Crustaceans - Daphnia magna	48 hours
2-Imidazolidinimine, 1-[ (6-chloro-3-pyridinyl)methyl]- N-nitro-, (2E)-	Acute EC50 1 µg/l Fresh water	Crustaceans - Cypretta seurati	48 hours
	Acute IC50 389 mg/l Fresh water	Algae - Desmodesmus subspicatus	72 hours
	Acute LC50 1.09 µg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 10.16 µg/l Fresh water	Fish - Clarias gariepinus - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Chronic NOEC 10 ppm Fresh water	Algae - Desmodesmus subspicatus	4 days
	Chronic NOEC 5.2 µg/l Marine water	Crustaceans - Penaeus monodon - Adult	21 days
	Chronic NOEC 71.8 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 4 µg/l Fresh water	Fish - Clarias gariepinus - Juvenile (Fledgling, Hatchling, Weanling)	28 days

#### Persistence and degradability

#### Not available.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
benzyl alcohol propylene carbonate 2-Imidazolidinimine, 1-[ (6-chloro-3-pyridinyl)methyl]- N-nitro-, (2E)-	0.87 -0.41 0.57	-	low low low

#### Mobility in soil

Soil/water partition	: Not available.
coefficient (Koc)	
Other adverse effects	: No known significant effects or critical hazards.

# Section 13. Disposal considerations

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

# Section 14. Transport information

	UN	IMDG	ΙΑΤΑ
UN number	UN3082	UN3082	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Imidazolidinimine, 1-[ (6-chloro-3-pyridinyl)methyl]-N- nitro-, (2E)-)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Imidazolidinimine, 1-[ (6-chloro-3-pyridinyl)methyl]-N- nitro-, (2E)-)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Imidazolidinimine, 1-[ (6-chloro-3-pyridinyl)methyl]- N-nitro-, (2E)-)
Transport hazard class(es)	9	9	9
Packing group	Ш	Ш	
Environmental hazards	Yes.	Yes.	Yes.

Additional information

UN	:	This product is not regulated as a dangerous good when transported in sizes of $\leq$ 5 L or $\leq$ 5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.
IMDG	:	This product is not regulated as a dangerous good when transported in sizes of $\leq$ 5 L or $\leq$ 5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.
ΙΑΤΑ	:	This product is not regulated as a dangerous good when transported in sizes of $\leq$ 5 L or $\leq$ 5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.
Special precautions for user	:	<b>Transport within user's premises:</b> 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	:	Not available.

to IMO instruments

# Section 15. Regulatory information

#### International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### **Montreal Protocol**

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.

No additional information.

# Section 16. Other information

<u>History</u>	
Date of issue/Date of revision	: 2/14/2022
Date of previous issue	: 2/14/2022
Version	: 0.02
Key to abbreviations	<ul> <li>ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate 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) N/A = Not available SGG = Segregation Group UN = United Nations</li> </ul>

#### Procedure used to derive the classification

Classification	Justification
ACUTE TOXICITY (oral) - Category 4	On basis of test data
ACUTE TOXICITY (dermal) - Category 5	On basis of test data
ACUTE TOXICITY (inhalation) - Category 4	On basis of test data
SKIN CORROSION/IRRITATION - Category 3	On basis of test data
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A	On basis of test data
AQUATIC HAZARD (ACUTE) - Category 1	Calculation method
AQUATIC HAZARD (LONG-TERM) - Category 1	Calculation method

#### References

: Not available.

✓ Indicates information that has changed from previously issued version.

#### Notice to reader

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANT ABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.

For additional information contact: Elanco Animal Health 0011+1-877-352-6261 0011+1-800-428-4441