







<h1>MSDS</h1> <p>MATERIAL SAFETY DATA SHEET</p>		0.1 Product	<i>Aluminium Spray</i>
		0.2 Status	Active
		0.3 Version	4
		0.4 Version date	30-03-2023
1. Identification of the product and of the company			
1.1 Product identification			
Product name		<i>Aluminium Spray</i>	
Trade name		<i>Aluminium Spray</i>	
Article code		ALUM0220	
Chemical description		Mixture	
UFI		S300-P0H0-8007-G622	
REACH registration number		-	
1.2 Relevant identified uses of the substance or mixture and uses advised against			
Identified use(s)		Professional use in case of skin dressing	
Use(s) advised against		Not identified	
1.3 Details of the supplier of the safety data sheet			
Company identification		Name	Holland Animal Care B.V.
Contact		Address	De Leemkoele 2
		Zip code	7468 DM
		Town	Enter
		Country	The Netherlands
		Telephone	+31-(0)548-545520
		E-mail	info@hollandanimalcare.nl
		Website	www.hollandanimalcare.nl
1.4 Emergency telephone number			
Emergency telephone number		The Netherlands : National Poisoning Information Center - Bilthoven TEL: +31(0)30/274.88.88 Belgium : Antipoison Center - Brussels TEL: +32(0)70/245.245 (Only for the purpose of informing medical personnel in cases of acute intoxications)	

2. Hazards identification											
2.1	Classification of the substance or mixture Classification according to Regulation (EC) no. 1272/2008: Aerosol 1: Aerosols – category 1; H222, H229 Eye Irrit. 2: Serious eye damage / eye irritation – category 2; H319 STOT SE 3: Specific target organ toxicity – single exposure – category 3; H336 The full text of the (EU)H-statements can be found in section 16.										
2.2	Label elements Labelling according to Regulation (EC) no. 1272/2008: <table border="1"> <tr> <td>Hazardous component(s)</td><td>Propan-2-ol Acetone</td></tr> <tr> <td>Hazard pictogram(s)</td><td>   </td></tr> <tr> <td>Signal word</td><td>Danger</td></tr> <tr> <td>Hazard statements</td><td> H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. </td></tr> <tr> <td> Precautionary measures - General - Prevention - Reaction - Storage - Disposal </td><td> P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P261 Avoid breathing spray. P337+P313 If eye irritation persists: get medical attention/advice. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents / container in accordance with national regulations of the disposal. </td></tr> </table>	Hazardous component(s)	Propan-2-ol Acetone	Hazard pictogram(s)	 	Signal word	Danger	Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	Precautionary measures - General - Prevention - Reaction - Storage - Disposal	P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P261 Avoid breathing spray. P337+P313 If eye irritation persists: get medical attention/advice. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents / container in accordance with national regulations of the disposal.
Hazardous component(s)	Propan-2-ol Acetone										
Hazard pictogram(s)	 										
Signal word	Danger										
Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.										
Precautionary measures - General - Prevention - Reaction - Storage - Disposal	P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P261 Avoid breathing spray. P337+P313 If eye irritation persists: get medical attention/advice. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents / container in accordance with national regulations of the disposal.										
2.3	Other hazards <table border="1"> <tr> <td>Results of PBT and vPvB assessment</td><td>This mixture does not contain any substances that are assessed to be a PBT or a vPvB.</td></tr> <tr> <td>Endocrine disrupting properties</td><td>Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.</td></tr> </table>	Results of PBT and vPvB assessment	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.	Endocrine disrupting properties	Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.						
Results of PBT and vPvB assessment	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.										
Endocrine disrupting properties	Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.										

3. Composition/information on ingredients							
3.1	<u>Substances</u>		Not relevant (mixture).				
3.2	<u>Mixtures</u>		Mixture of substances listed below with nonhazardous additions.				
Name component(s)		weight %	CAS no.	EINECS no.	Index no.	Reach no.	Classification
Butane		25 ≤ 50	106-97-8	203-448-7	601-004-00-0	01-2119474691-32-xxxx	Flam. Gas 1A ; H220 Press. Gas L ; H280
Propan-2-ol		10 ≤ 25	67-63-0	200-661-7	603-117-00-0	01-2119457558-25-xxxx	Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319 STOT SE 3 ; H336
Propane		10 ≤ 25	74-98-6	200-827-9	601-003-00-5	01-2119486944-21-xxxx	Flam. Gas 1A ; H220 Press. Gas C ; H280
Acetone		10 ≤ 25	67-64-1	200-6622-2	606-001-00-8	01-2119471330-49-xxxx 01-2119498062-37-xxxx	Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319 STOT SE 3 ; H336 EUH066
Aluminium powder (stabilised)		1 ≤ 5	7429-90-5	231-072-3	013-002-00-1	01-2119529243-45-xxxx	Flam. Sol. 1 ; H228
Isobutane		1 ≤ 5	75-28-5	200-857-2	601-004-00-0	01-2119485395-27-xxxx	Flam. Gas 1A ; H220 Press. Gas C ; H280
The full text of the (EU)H-statements can be found in section 16.							
4. First aid measures							
4.1	<u>Description of first aid measures</u>						
General			Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.				
First aid measures in case of inhalation			If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.				
First aid measures in case of skin contact			Wash with plenty of soap and water.				
First aid measures in case of eye contact			Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.				
First aid measures in case of ingestion			Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.				
4.2	<u>Most important symptoms and effects, both acute and delayed</u>						
Narcotic effects.							
4.3	<u>Indication of any immediate medical attention and special treatment needed</u>						
None							

5. Firefighting measures	
5.1	<u>Extinguishing media</u>
Suitable extinguishing media	Water spray. BC-powder.
Unsuitable extinguishing media	Water jet.
5.2	<u>Special hazards arising from the substance or mixture</u>
Special exposure hazards	In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Hazardous combustion products: Nitrogen oxides (NOx). Carbon monoxide (CO). Carbon dioxide (CO2).
5.3	<u>Advice for firefighters</u>
Special protective equipment	Not available.
Special procedures	In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.
6. Accidental release measures	
6.1	<u>Personal precautions, protective equipment and emergency procedures</u>
Personal precautions	<i>For non-emergency personnel:</i> Remove persons to safety. <i>For emergency responders:</i> Wear breathing apparatus if exposed to vapours/dust/spray/gases.
6.2	<u>Environmental precautions</u>
Environmental precautions	Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.
6.3	<u>Methods and material for containment and cleaning up</u>
Methods for cleaning up	Covering of drains. Other information relating to spills and releases: Place in appropriate containers for disposal. Ventilate affected area.
6.4	<u>Reference to other sections</u>
Hazardous combustion products	See section 5.
Personal protection	See section 8.
Incompatible materials	See section 10.
Removal of the waste product	See section 13.

7. Handling and storage

7.1 Precautions for safe handling

Handling	<p><i>Measures to prevent fire as well as aerosol and dust generation</i> Use local and general ventilation. Use only in well-ventilated areas.</p> <p><i>Advice on general occupational hygiene</i> Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.</p>
----------	---

7.2 Conditions for safe storage, including any incompatibilities

Storage	Storage class (LGK): 2 B.
Protection against fire and explosion	Do not spray on an open flame or other ignition source. Protect from sunlight.
Packaging material	Only packagings which are approved (e.g. acc. to ADR) may be used.
Unsuitable packaging material	Not available.

7.3 Specific end use(s)

No further relevant information available.

8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Occupational exposure limit values (Workplace Exposure Limits)						
Cas No	Name of agent	TWA-8h (ppm)	TWA-8h (mg/m ³)	TWA- 15 min (ppm)	TWA-15 min (mg/m ³)	Source
67-64-1	Acetone		1210		2420	REACH
67-64-1	Acetone	500	1200	1000	2400	TRGS 900 (DE)
67-63-0	Propan-2-ol		500			REACH
67-63-0	Propan-2-ol	200	500			TRGS 900 (DE)

TWA-8h= (time-weighted average) long-term exposure limit; TWA-15 min = short-term exposure limit.

Biological limit values

No further relevant information available.

DNELs

Relevant DNELs of components of the mixture						
Name of substance	Cas No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Acetone	67-64-1	DNEL	1,210 mg/m ³	Human, inhalatory	Worker (industry)	Chronic – systemic effects
Acetone	67-64-1	DNEL	2,420 mg/m ³	Human, inhalatory	Worker (industry)	Acute – local effects
Acetone	67-64-1	DNEL	186 mg/kg bw/day	Human, dermal	Worker (industry)	Chronic – systemic effects
Aluminium	7429-90-5	DNEL	3.72 mg/m ³	Human, inhalatory	Worker (industry)	Chronic – local effects

PNECs

Relevant PNECs of components of the mixture						
Name of substance	Cas No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Propan-2-ol	67-63-0	PNEC	2,251 mg/l	Micro organisms	Sewage treatment (STP)	Short-term (single instance)
Propan-2-ol	67-63-0	PNEC	160 mg/l	Aquatic organisms	Water	Short-term (single instance)
Acetone	67-67-1	PNEC	100 mg/l	Micro organisms	Sewage treatment (STP)	Short-term (single instance)
Acetone	67-67-1	PNEC	21 mg/l	Aquatic organisms	Water	Intermittent release
Acetone	67-67-1	PNEC	10.6 mg/l	Aquatic organisms	Freshwater	Short-term (single instance)
Acetone	67-67-1	PNEC	1.06 mg/l	Aquatic organisms	Marine water	Short-term (single instance)
Acetone	67-67-1	PNEC	100 mg/l	Aquatic organisms	Sewage treatment (STP)	Short-term (single instance)
Acetone	67-67-1	PNEC	30.4 mg/l	Aquatic organisms	Freshwater sediment	Short-term (single instance)
Acetone	67-67-1	PNEC	3.04 mg/l	Aquatic organisms	Marine sediment	Short-term (single instance)
Acetone	67-67-1	PNEC	29.5 mg/l	Terrestrial organisms	Soil	Short-term (single instance)
Aluminium	7429-90-5	PNEC	74.9 µg/l	Aquatic organisms	Freshwater	Short-term (single instance)
Aluminium	7429-90-5	PNEC	20 mg/l	Micro organisms	Sewage treatment (STP)	Short-term (single instance)

8.2 Exposure controls

Engineering measures	General ventilation.
Personal protection equipment	
Eye / face protection	Do not spray in eyes. If required use tight-fitting goggles.
Skin protection	Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.
Hand protection	Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Type of material: NBR: acrylonitrile-butadiene rubber.
Respiratory protection	Operate if possible out of doors or in a well-ventilated place. In case of inadequate ventilation wear respiratory protection. Type: A-P2 (combined filters against particles and organic gases and vapours, colour code: Brown/White).
Thermal hazards	Not available.
Environmental exposure controls	Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.




9. Physical and chemical properties		
9.1	<u>Information on basic physical and chemical properties</u>	
Physical state		Aerosol (spray aerosol).
Colour		Silver.
Odour		Solvent like.
Melting / freezing point		Not available.
Boiling point / range (1013 hPa)		Not applicable, as aerosol.*
Flammability		Flammable aerosol in accordance with GHS criteria.
Explosion limits		Lower explosion limit: 2 vol%. Upper explosion limit: 15 vol%.
Flash point		Not applicable, as aerosol.*
Auto-ignition temperature		Not available.
Decomposition temperature		Not available.
pH		Not available.
Kinematic viscosity		Not available.
Solubility in water		Partially miscible.
Partition coefficient n-octanol/water		Not available.
Vapour pressure		3.8 bar at 20 °C. 6.8 bar at 50 °C.
Density or relative density		Not available.
Relative vapour density		0.65 g/ml at 20 °C.
Particle characteristics		Not available.
9.2	<u>Other information</u>	
Other information		* The finished mixture in an aerosol container is formed after addition of propellant. Several details are not measurable in an hermetic closed, pressurized container.
10. Stability and reactivity		
10.1	<u>Reactivity</u>	
Reactivity		Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.
10.2	<u>Chemical stability</u>	
Stability		See below "Conditions to avoid".
10.3	<u>Possibility of hazardous reactions</u>	
Hazardous reactions		No known hazardous reactions.

10.4	<u>Conditions to avoid</u>	
Conditions to avoid		Do not spray on an open flame or other ignition source. Keep away from heat. Protect from sunlight. High temperatures.
10.5	<u>Incompatible materials</u>	
Materials to avoid		Oxidisers.
10.6	<u>Hazardous decomposition products</u>	
Hazardous decomposition products		Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.
11. Toxicological information		
11.1	<u>Information on hazard classes as defined in Regulation (EC) No. 1272/2008</u>	
Toxicity		Test data are not available for the complete mixture. The method for classification of the mixture is based on ingredients of the mixture (additivity formula). Classification according to GHS (1272/2008/EC, CLP).
Acute toxicity		Shall not be classified as acutely toxic.
Skin corrosion / irritation		Shall not be classified as corrosive/irritant to skin.
Serious eye damage / irritation		Causes serious eye irritation.
Respiratory or skin sensitisation		Shall not be classified as a respiratory or skin sensitiser.
Germ cell mutagenicity		Shall not be classified as germ cell mutagenic.
Carcinogenicity		Shall not be classified as carcinogenic.
Reproductive toxicity		Shall not be classified as a reproductive toxicant.
Specific target organ toxicity – single exposure		May cause drowsiness or dizziness.
Specific target organ toxicity – repeated exposure		Shall not be classified as a specific target organ toxicant (repeated exposure).
Aspiration hazard		Shall not be classified as presenting an aspiration hazard.
11.2	<u>Information on other hazards</u>	
Other hazards		There is no additional information.

12. Ecological information		
12.1	<u>Toxicity</u>	
Ecotoxicity		Shall not be classified as hazardous to the aquatic environment. Ordinance on systems for handling water-polluting substances (Ordinance on facilities for handling substances hazardous to water) (AwSV): WGK (Germany) 1, slightly hazardous to water
12.2	<u>Persistence and degradability</u>	
Persistence and degradability		Data are not available.
12.3	<u>Bioaccumulation</u>	
Bioaccumulation		Data are not available.
12.4	<u>Mobility in soil</u>	
Mobility		Data are not available.
12.5	<u>Results of PBT and vPvB assesment</u>	
Evaluation		According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of ≥ 0,1%.
12.6	<u>Endocrine disrupting properties</u>	
Endocrine disrupting potential		Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0,1%.
12.7	<u>Other adverse effects</u>	
Other adverse effects		No further relevant information available.
13. Disposal considerations		
13.1	<u>Waste treatment methods</u>	
Waste from residues / unused products		Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets. Please consider the relevant national or regional provisions. It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.
European list of waste products		15 01 04 Metallic packaging. 15 01 10 Packaging containing residues of or contaminated by dangerous substances. 16 05 04 Containing hazardous gases in pressure containers (including halons).
Removal of contaminated packaging		Handle contaminated packages in the same way as the substance itself.
14. Transport information		
Transport per road, rail and inland waterways (ADR/RID/AND)		<u>14.1 UN-number:</u> <u>14.2 UN proper shipping name:</u> <u>14.3 Transport hazard class(es):</u> <u>14.4 Packing group:</u> UN 1950 AEROSOLS 2 (2.1) Not assigned Classification code: 5F Danger label(s): 2.1

MSDS

Material Safety Data Sheet

		 Special provisions: 190, 327, 344, 625 Excepted quantities: E0 Limited quantities (LQ): 1 L Transport category: 2 Tunnel restriction code: D
Transport per marine ship (IMDG)	<u>14.1 UN-number:</u> <u>14.2 UN proper shipping name:</u> <u>14.3 Transport hazard class(es):</u> <u>14.4 Packing group:</u>	UN 1950 AEROSOLS 2.1 Not assigned Marine pollutant: - Danger label(s):  Special provisions: 63, 190, 277, 327, 344, 381, 959 Excepted quantities: E0 Limited quantities (LQ): 1 L EmS: F-D, S-U Stowage category: -
Transport by air (ICAO-IATA))	<u>14.1 UN-number:</u> <u>14.2 UN proper shipping name:</u> <u>14.3 Transport hazard class(es):</u> <u>14.4 Packing group:</u>	UN 1950 Aerosols, flammable 2.1 Not assigned Danger label(s):  Special provisions: A145, A167 Excepted quantities: E0 Limited quantities: 30 kg.
14.5 <u>Environmental hazards</u>		
Environmentally hazard	Non-environmentally hazardous acc. to the dangerous goods regulations.	
Marine pollutant	No.	
14.6 <u>Special precautions for user</u>		
Provisions for dangerous goods (ADR) should be complied within the premises.		
14.7 <u>Maritime transport in bulk according to IMO instruments</u>		
The cargo is not intended to be carried in bulk.		

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant EU rule(s)

List of substances subject to authorisation (REACH, Annex XIV)/SVHC - candidate list:
None of the ingredients are listed.

Directive 75/324/EEC relating to aerosol dispensers
Classification of the gas/aerosol: Extremely flammable
Labelling: Pressurized container: may burst if heated. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Additional information: -
Industrial Emissions Directive (IED) VOC content: 96.27 %.
Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS):
None of the ingredients are listed.
Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR):
None of the ingredients are listed.
Water Framework Directive (WFD):
None of the ingredients are listed.
Regulation on persistent organic pollutants (POP):
None of the ingredients are listed.

National regulations

Germany:
Ordinance on systems for handling water-polluting substances (Ordinance on facilities for handling substances hazardous to water)(AwSV):
Water hazard class: 1 (slightly hazardous to water).

Technical instructions on air quality control (Germany):

Number	Group of substances	Class	Conc.	Mass flow	Mass concentration	Notation
5.2.5	Organic substances		≥ 25 wt%	0.5 kg/h	50 mg/m ³	3)

Notation
3) A total mass flow of 0.50 kg/h or a total mass concentration of 50 mg/m³, each of which to be indicated as total carbon, shall not be exceeded (except organic particulate matter).

Storage of hazardous substances in non-stationary containers (TRGS 510) (Germany):
Storage class (LGK): 2 B (Aerosol dispensers and lighters).

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

16. Other information

Indication of changes (revised safety data sheet) Alignment to regulation. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU. Restructuring and revising sections 1 to 15.

Sources of used key data This information is based on the currently available information (Producer(s)). See also the website:
<http://apps.echa.europa.eu/registered/registered-sub.aspx#search>

(EU)H-statement(s) H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H228 Flammable solid.
H229 Pressurized container: may burst if heated.

	<p>H280 Contains gas under pressure; may explode if heated.</p> <p>H319 Causes serious eye irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>EUH066 Repeated exposure may cause skin dryness or cracking.</p>
Classification procedure	<p>Physical and chemical properties. The classification is based on tested mixture.</p> <p>Health hazards. The method for classification of the mixture is based on ingredients of the mixture (additivity formula).</p>
List of abbreviations and acronyms	<p>ADN: Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways).</p> <p>ADR: Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road).</p> <p>ADR/RID/AND: Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways (ADR/RID/ADN).</p> <p>CAS: Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances).</p> <p>CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.</p> <p>DGR: Dangerous Goods Regulations (see IATA/DGR).</p> <p>DMEL: Derived Minimal Effect Level.</p> <p>DNEL: Derived No-Effect Level.</p> <p>EC No: The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union).</p> <p>EINECS: European Inventory of Existing Commercial Chemical Substances.</p> <p>ELINCS: European List of Notified Chemical Substances.</p> <p>EmS: Emergency Schedule.</p> <p>Eye Dam.: Seriously damaging to the eye.</p> <p>Eye Irrit.: Irritant to the eye.</p> <p>Flam. Gas: Flammable gas.</p> <p>Flam. Liq.: Flammable liquid.</p> <p>Flam. Sol.: Flammable solid.</p> <p>GHS: "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations.</p> <p>IATA: International Air Transport Association.</p> <p>IATA/DGR: Dangerous Goods Regulations (DGR) for the air transport (IATA).</p> <p>ICAO: International Civil Aviation Organization.</p> <p>ICAO-TI: Technical instructions for the safe transport of dangerous goods by air.</p> <p>IMDG: International Maritime Dangerous Goods Code.</p> <p>IMDG-Code: International Maritime Dangerous Goods Code.</p> <p>LGK: Lagerklasse (storage class according to TRGS 510, Germany).</p> <p>NLP: No-Longer Polymer.</p> <p>PBT: Persistent, Bioaccumulative and Toxic.</p> <p>PNEC: Predicted No-Effect Concentration.</p> <p>Press. Gas: Gas under pressure.</p> <p>REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals.</p> <p>RID: Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail).</p> <p>STOT SE: Specific target organ toxicity - single exposure.</p> <p>SVHC: Substance of Very High Concern.</p> <p>TRGS: Technische Regeln für Gefahrstoffe (technical rules for hazardous substances, Germany).</p> <p>VOC: Volatile Organic Compounds.</p> <p>VPvB: Very Persistent and very Bioaccumulative.</p>

This information is to our knowledge correct and complete on the date of issue of this safety data sheet. The information only concerns the product and does not give any guarantee for the quality and the completeness of the properties of the product, or in case of mixing or using in any other process. It remains the responsibility of the user to assure himself that the information is suitable and complete concerning the special use he makes of the product.

Holland Animal Care B.V. denies all responsibility for loss or damage resulting from the use of these data.

End of document