

MSDS		0.1 Product	Salipure
MATERIAL SAFETY DATA SHEET		0.2 Status	Active
		0.3 Version	1
		0.4 Version date	14-03-2023
1. Identification of the substance/mixture and of the company			
1.1	Product identification		
Product name		Salipure	
Trade name		Salipure	
Product code		SALI0005	
Chemical description		Substance	
UFI		-	
REACH registration number		01-2119486984-17-xxxx	
1.2	Relevant identified uses of the substance or mixture and uses advised against		
Identified use(s)		Cleaning agent and/or additive for cleaning purposes.	
Use(s) advised against		Not identified.	
1.3	Details of the supplier of the safety data sheet		
Company identification		Name	Hofman Animal Care B.V.
Contact details		Address	De Leemkoele 2
		Zip code	7468 DM
		Town	Enter
		Country	The Netherlands
		Telephone	+31 (0)548-545277
		E-mail	info@hofmananimalcare.nl
		Website	www.hofmananimalcare.com
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 case of acute intoxications)	
2. Hazards identification			
2.1	Classification of the substance or mixture		
Classification according to Regulation (EC) no. 1272/2008: Repr. 2; Reproductive toxicity, category 2; H361d Acute Tox. 4; Acute toxicity (oral), category 4; H302 Eye Dam. 1; Serious eye damage, category 1; H318 The full text of the (EU)H-statements can be found in section 16.			
Most important adverse effects			
Human health: See section 11 for toxicological information.			
Physical and chemical hazards: See section 9/10 for physicochemical information.			
Potential environmental effects: See section 12 for environmental information.			

2.2 Label elements

Labelling according to Regulation (EC) no. 1272/2008:

Hazardous component(s)	Salicylic acid
Hazard pictogram(s)	
Signal word	Danger
Hazard statements	H302 Harmful if swallowed. H318 Causes serious eye damage. H361d Suspected of damaging the unborn child.
Precautionary measures	- Prevention P201+P202 Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. - Response P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. P301+P312+P330 IF SWALLOWED: Call a POISON CENTRE/ doctor if you feel unwell. Rinse mouth. P308+P313 IF exposed or concerned: Get medical advice/attention. - Disposal P501 Dispose of contents/container to an authorised waste disposal company.

2.3 Other hazards

Results of PBT and vPvB assessment	This substance/mixture does not contain any components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Endocrine disrupting properties	No information available on endocrine disrupting properties for the environment and human health.
Other hazards	Flammable solids. Dust explosion hazard.

3. Composition / information on ingredients

3.1 Substances

Name component(s)	Weight %	CAS no.	EINECS no.	Index no.	REACH no.	Classification
Salicylic acid	<= 100	69-72-7	200-712-3	607-732-00-5	01-2119486984-17-xxxx	Repr. 2; H361d Acute Tox. 4; H302 Eye Dam. 1; H318

The full text of the (EU)H-statements can be found in section 16.

Specific concentration limit, multiplication factor, acute toxicity estimation

Name component(s)	CAS no.	SCL, M-factor, ATE
Salicylic acid	69-72-7	ATE (oral) = 891 mg/kg ATE (dermal) = 2,000.01 mg/kg

The full text of the (EU)H-statements can be found in section 16.

3.2 Mixtures

Not applicable (substance).

4. First aid measures

4.1 Description of first aid measures

General	Remove contaminated clothing immediately.
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First aid measures in case of inhalation	Remove to fresh air. If breathing is irregular or stopped, apply artificial respiration. If unconscious, apply stable side position and seek medical attention. If symptoms, consult doctor.
First aid measures in case of skin contact	After contact with skin, wash immediately with plenty of soap and water. If symptoms, consult a doctor.
First aid measures in case of eye contact	Rinse immediately with plenty of water, including under the eyelids, for at least 10 minutes. Immediately consult an ophthalmologist. Go to an eye hospital if possible.
First aid measures in case of ingestion	Rinse mouth with water. Never let an unconscious person drink (or eat). Place a person lying on their back and vomiting in a stable side position. Call a doctor immediately.
Protection of first responders	First responders should remember to protect themselves and wear the recommended protective clothing.
4.2	<u>Most important symptoms and effects, both acute and delayed</u>
Symptoms: See section 11 for more detailed information on health effects and symptoms.	
Effects: See section 11 for more detailed information on health effects and symptoms.	
4.3	<u>Indication of any immediate medical attention and special treatment needed</u>
Treat symptomatically. No further information available.	
5.	<u>Firefighting measures</u>
5.1	<u>Extinguishing media</u>
Suitable extinguishing media	Water spray, foam, dry powder or CO ₂ .
Unsuitable extinguishing media	Strong water spray.
5.2	<u>Special hazards arising from the substance or mixture</u>
Special exposure hazards	Hazardous decomposition products are formed in case of fire. Dust can form an explosive mixture in air.
Hazardous combustion products	Carbon monoxide, carbon dioxide (CO ₂).
5.3	<u>Advice for firefighters</u>
Special protective equipment	In case of fire, wear compressed air mask. Wear personal protective clothing.
Special procedures	Collect contaminated firefighting water separately. It must not drain into the sewage system. Combustion residues and contaminated firefighting water must be disposed of in accordance with local regulations.
6.	<u>Accidental release measures</u>
6.1	<u>Personal precautions, protective equipment and emergency procedures</u>
Personal precautions	Use personal protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Avoid dust formation. Avoid contact with eyes and skin. Do not inhale dust.
6.2	<u>Environmental precautions</u>
Environmental precautions	Do not allow to drain into surface water or the sewerage system. Avoid entering soil.
6.3	<u>Methods and material for containment and cleaning up</u>
Methods for cleaning up	Use mechanical handling equipment. Store in suitable and closed containers for disposal. Neutralise residues with lime milk or soda.
Further information	Handle absorbed material as described in the "Disposal" section.
6.4	<u>Reference to other sections</u>
Emergency contact details	See section 1.
Personal protection	See section 8.
Removal of the waste product	See section 13.

7. Handling and storage

7.1 Precautions for safe handling

Handling	Keep in tightly closed container. Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment. Avoid contact with eyes, skin and clothing. Do not inhale dust. Eye showers should be available nearby in case of emergency. Pregnant and lactating women should not be exposed to the product. Consider national regulation.
Hygienic measures	Keep away from food, drink and animal feed. Do not smoke, eat or drink in the workplace. Wash hands before each work break and at the end of the working day. Remove all contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

Specific designs for storage rooms or vessels	Store in original container.
Protection against fire and explosion	Flammable solids. Dust may form explosive mixture in air. Keep away from sources of ignition - No smoking. Take precautions against static discharges.
Fire resistance class	Medium flammable (Flp > 100 °C).
Storage	Store tightly closed in a dry and cool place. Store in a well-ventilated place. Protect from light.
Advice on mixed storage	Keep away from food, drink and animal feed. Do not store together with oxidising and self-igniting products. Incompatible with alkalis.
Suitable packaging material	Stainless steel, polypropylene, polyethylene.
Unsuitable packaging material	Iron.

7.3 Specific end use(s)

Identified uses: see section 1.2.

8. Exposure controls / personal protection

8.1 Control parameters

Occupational exposure limits	The product contains no ingredients for which exposure limits have been established.
Biological limit values	There is no information available.

DNELs

Relevant DNELs of the substance

Name of agent	Cas no	End-point	Threshold level	Route of exposure	Used in	Exposure time
Salicylic acid	69-72-7	DNEL	5 mg/m ³	Inhalation	Workers	Long-term - systemic effects
		DNEL	1 mg/m ³	Inhalation	Workers	Long-term - local effects
		DNEL	3 mg/m ³	Inhalation	Workers	Acute - local effects
		DNEL	2 mg/kg bw/day	Dermal	Workers	Long-term - systemic effects
		DNEL	4 mg/m ³	Inhalation	Consumers	Long-term - systemic effects
		DNEL	1 mg/kg bw/day	Dermal	Consumers	Long-term - systemic effects
		DNEL	1 mg/kg bw/day	Oral	Consumers	Long-term - systemic effects
		DNEL	0,2 mg/m ³	Inhalation	Consumers	Long-term - local effects
		DNEL	4 mg/kg bw/day	Oral	Consumers	Acute - systemic effects

PNECs

Relevant PNECs of the substance				
Name of substance	Cas no	End-point	Threshold level	Environmental compartment
Salicylic acid	69-72-7	PNEC	0.2 mg/l	Fresh water
		PNEC	0.02 mg/l	Marine water
		PNEC	162 mg/l	Sewage treatment
		PNEC	1.42 mg/kg dry weight	Freshwater sediments
		PNEC	0.14 mg/kg dry weight	Marine sediments
		PNEC	0,66 mg/kg dry weight	Soil

8.2 Exposure controls

Appropriate engineering controls	See protective measures in sections 7 and 8.
Personal protection equipment	
Eye / face protection	Close-fitting safety dust goggles.
Skin / body protection	Wear personal protective clothing.
Hand protection	Protective gloves according to EN 374. Observe regulations on permeability and soak time, as supplied by the glove supplier. Also consider specific local conditions of use, such as risk of cuts, abrasion and contact time. Safety gloves should be replaced when worn. Material: butyl rubber Breakthrough time: >= 8 h Glove thickness: 0.5 mm Material: fluorinated rubber Breakthrough time: >= 8 h Glove thickness: 0.4 mm
Respiratory protection	This is required in case of dust generation. Respiratory protection according to EN 143. Dust filter: P2. In case of prolonged exposure use: self-breathing apparatus.
Thermal hazards	There is no information available.
Environmental exposure controls	Do not drain into surface water or the sewerage system. Avoid entering soil.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Crystalline powder.
Physical state	Solid.
Colour	White.
Odour	Odourless.
Odour threshold	Not available.
Melting point/freezing point	157 - 161 °C.
Boiling point/range (1013 hPa)	256 °C (1013 hPa).
Flammability	Combustible solids. Notes: Poorly flammable.
Lower and upper explosion limit	Not available.
Flash point	157 °C. Method: closed cup.
Auto-ignition temperature	340 °C.
Decomposition temperature	230 °C.
Self-accelerating decomposition temperature (SADT)	Not available.



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pH	2.4 (20 °C) . Concentration: 5 g/l .
Dynamic viscosity	Not available.
Kinematic viscosity	Not available.
Run-out time	Not available.
Solubility in water	2.23 g/l (25 °C). Barely soluble.
Solubility in other solvents	Solvent: Chloroform - soluble. Solvent: Ethanol - soluble. Solvent: Acetone - soluble. Solvent: Ether - soluble.
Decomposition rate	Not available.
Partition coefficient n-octanol/water	Log Pow: 2.26.
Dispersion stability	Not available.
Vapour pressure	0.000208 hPa (25 °C). 19.3 hPa (150 °C).
Relative density	Not available.
Density	1.44 g/cm ³ (20 °C).
Bulk specific gravity	300 - 800 kg/m ³ .
Relative vapour density	Not available.
Particle characteristics	Not available.
9.2 Other information	
Explosive substances	The product is not explosive. Dust may form explosive mixture in air.
Oxidising properties	Not oxidising.
Sublimation point	76 °C.
Molecular weight	138.12 g/mol.
10. Stability and reactivity	
10.1 Reactivity	
Reactivity	No decomposition if stored and applied as indicated.
10.2 Chemical stability	
Stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	
Hazardous reactions	Dust may form explosive mixture in air.
10.4 Conditions to avoid	
Conditions to avoid	Heat, flames and sparks. Exposure to light.
Thermal decomposition	230 °C.
10.5 Incompatible materials	
Materials to avoid	Strong acids and strong bases, oxidants.
10.6 Hazardous decomposition products	
Hazardous decomposition products	In case of fire: carbon oxides.
11. Toxicological information	
11.1 Information on hazard classes as defined in Regulation (EC) no. 1272/2008	
Acute toxicity: oral	LD50: 891 mg/kg (rat (male); Guideline test OECD 401).
Acute toxicity: inhalation	The LC50/inhalation/4hour/rat value could not be determined because no mortality of rats was observed at the maximum achievable concentration.
Acute toxicity: dermal	LD50: > 2,000 mg/kg; (rat (male and female); Guideline test OECD 402).
Skin corrosion/irritation	No skin irritation (rabbit; Guideline test OECD 404).
Serious eye damage/irritation	Causes serious eye damage (rabbit; draize test).
Respiratory or skin sensitisation	Not sensitising (local lymph node assay (LLNA); skin; mouse; Guideline test OECD 429).



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Germ cell mutagenicity	No information available.
Carcinogenicity	NOAEL: 500 mg/kg bw/day (negative; rat (male and female), (oral; frequency of treatment; 2 years).
CMR properties	Carcinogenicity: No carcinogenic effects were found from animal tests. Mutagenicity: No mutagenic effects were revealed from in vitro tests. No mutagenic effects were revealed from in-vivo tests. Reproductive toxicity: Suspected of damaging the unborn child.
Genotoxicity in vitro	Negative (In vitro test for chromosomal aberrations; Chinese hamster ovary cells; with and without metabolic activation) (Guideline test OECD 473). Negative (bacterial reverse mutation test; Salmonella typhimurium; with and without metabolic activation) (Guideline test OECD 471) Negative (In vitro gene mutation test in mammalian cells; mouse lymphoma cells; with and without metabolic activation) (Guideline test OECD 476).
Genotoxicity in vivo	Negative (Test for chromosomal aberrations in mammalian bone marrow cells; Mouse, male; Bone marrow) (Intraperitoneal injection;) (Guideline test OECD 475).
Teratogenicity	NOAEL maternal: 50 mg/kg . NOAEL teratog.: 50 mg/kg . (Rat; oral)
Reproductive toxicity	NOAEL parent: 225 mg/kg bw/day. NOAEL F1: 67.5 mg/kg bw/day. NOAEL F2: 67.5 mg/kg bw/day. (Rat). Information given based on data obtained from equivalent substances.
Specific target organ toxicity – single exposure	The substance or mixture is not classified as specific target organ release, single exposure.
Specific target organ toxicity – repeated exposure	The substance or mixture is not classified as specific target organ release, repeated exposure.
Repeated-dose toxicity	NOAEL: 45.4 mg/kg (rat (oral; 4 months). Information given based on data obtained from equivalent substances. NOAEL: 45.4 mg/kg (rat (oral; 24 months). Information given based on data obtained from equivalent substances.
Aspiration hazard	Not applicable.
11.2 Information on other hazards	
Other hazards	No further relevant information available.

12. Ecological information

12.1 Toxicity

Cas no	Name of substance	Aquatic toxicity	Dosage	h/d	Species	Source
69-72-7	Salicylic acid	Fish	LC50: 1,370 mg/l	96 h	Pimephales promelas (Fathead minnow)	Flow-through test; Guideline test OECD 203
		Daphnia and other aquatic invertebrates	EC50: 870 mg/l	48 h	Daphnia magna (large water flea), immobilisation	Static test; OECD Test Guideline 202
		Algae	EC50: > 100 mg/l	72 h	Desmodesmus subspicatus (green algae)	End-point: Biomass; OECD Test Guideline 201
		Bacteria	EC50: 380 mg/l	16 h	Pseudomonas putida	Static test; End-point: Growth rate; ISO 10712

12.2 Persistence and degradability

Persistence and degradability	Persistence: No data available. Biodegradability: 100 % (aerobic; to related: Biochemical oxygen demand; Exposure time: 14 d); OECD Test Guideline 301 C; Readily biodegradable.
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12.3 Bioaccumulative potential

Bioaccumulation	Log Pow 2.25 (25 °C); OECD Test Guideline 117. Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.
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12.4 Mobility in soil

Mobility	Water: low solubility. Air: not volatile. Soil: moderately mobile in soil types.
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12.5 Results of PBT and vPvB assessment

Assessment	Product: This substance/mixture does not contain any components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Salicylic acid: This substance is considered neither persistent, bioaccumulative nor toxic (PBT). This substance is considered neither very persistent nor very bioaccumulative (vPvB).
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12.6 Endocrine disrupting properties

Endocrine disrupting potential	Product: No information available on endocrine disrupting properties for the environment. Salicylic acid: No information available on endocrine-disrupting properties for the environment.
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12.7 Other adverse effects

Additional ecological information	Do not allow to drain into surface water or the sewerage system. Avoid entering soil.
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13. Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused products	Disposal together with normal waste is prohibited. Special disposal is required according to local regulations. Do not allow product to enter sewage system. Contact waste disposal service. This product must be disposed of or recovered in accordance with Directive 2008/98/EC on waste, as last amended.
European list of waste products	A waste code according to the European Waste Catalogue cannot be assigned for this product, as the intended use dictates the assignment. The waste code will be determined in consultation with the regional waste disposer.
Removal of contaminated packaging	Empty used containers thoroughly. Packaging can be reused after thorough cleaning. If reuse is not possible, dispose of according to local regulations.

14. Transport information

Transport by road, by rail and inland waterway transport (ADR/RID/ADN)	14.1 UN-number: 14.2 UN proper shipping name: 14.3 Transport hazard class(es): 14.4 Packing group:	The product is not subject to ADR/RID/ADN regulations (no dangerous goods).
Marine transport (IMDG)	14.1 UN-number: 14.2 UN proper shipping name: 14.3 Transport hazard class(es): 14.4 Packing group:	The product is not subject to IMDG regulations (no dangerous goods).
Air transport (ICAO-IATA)	14.1 UN-number: 14.2 UN proper shipping name: 14.3 Transport hazard class(es): 14.4 Packing group:	The product is not subject to ICAO-IATA regulations (no dangerous goods).

14.5 Environmental hazards

Environmental hazard	Not applicable.
Marine pollutant	Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product, as supplied.

15. Regulatory information

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

Relevant EU rule(s)	Salicylic acid: <u>Regulation (EU) No 649/2012 concerning the export and import of dangerous chemicals</u> Substance/mixture is not covered by this legislation. <u>EU. REACH, Annex XVII, Marketing and use restrictions (Regulation 1907/2006/EC)</u> Substance/mixture is not covered by this legislation. <u>EU Regulation No. 1451/2007 [biocidal products], Annex I, active substances identified as existing</u> EC number: , 200-712-3; Listed. <u>Regulation (EC) No 1223/2009 on cosmetic products, Annex III: List of substances that may be present in cosmetic products subject to the restrictions imposed</u> Reference number: 98; Listed. <u>Directive 2012/18/EU (SEVESO III) Annex I</u> Substance/mixture not covered by this legislation.
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National regulations		Salicylic acid <i>Netherlands</i> <u>Reproductive toxicity:</u> Hazard class: 2; Possible risk of harm to the unborn child.																																																											
Notification state		Salicylic acid <table><tr><th>Regulatory list</th><th>Notification</th><th>Notification number</th></tr><tr><td>AICS</td><td>Yes</td><td>-</td></tr><tr><td>DSL</td><td>Yes</td><td>-</td></tr><tr><td>EINECS</td><td>Yes</td><td>200-712-3</td></tr><tr><td>ENCS (JP)</td><td>Yes</td><td>(3)-1640</td></tr><tr><td>IECSC</td><td>Yes</td><td>-</td></tr><tr><td>INSQ</td><td>Yes</td><td>-</td></tr><tr><td>ISHL (JP)</td><td>Yes</td><td>(3)-1640</td></tr><tr><td>JEX (JP)</td><td>Yes</td><td>(3)-1640</td></tr><tr><td>KECI (KR)</td><td>Yes</td><td>KE-20367</td></tr><tr><td>NZIOC</td><td>Yes</td><td>HSR002754</td></tr><tr><td>ONT INV</td><td>Yes</td><td>-</td></tr><tr><td>PHARM (JP)</td><td>Yes</td><td>-</td></tr><tr><td>PICCS (PH)</td><td>Yes</td><td>-</td></tr><tr><td>TCSI</td><td>Yes</td><td>-</td></tr><tr><td>TH INV</td><td>Yes</td><td>55-1-05508</td></tr><tr><td>TH INV</td><td>Yes</td><td>2918.21</td></tr><tr><td>TSCA</td><td>Yes</td><td>-</td></tr><tr><td>VN INV</td><td>Yes</td><td>-</td></tr></table>			Regulatory list	Notification	Notification number	AICS	Yes	-	DSL	Yes	-	EINECS	Yes	200-712-3	ENCS (JP)	Yes	(3)-1640	IECSC	Yes	-	INSQ	Yes	-	ISHL (JP)	Yes	(3)-1640	JEX (JP)	Yes	(3)-1640	KECI (KR)	Yes	KE-20367	NZIOC	Yes	HSR002754	ONT INV	Yes	-	PHARM (JP)	Yes	-	PICCS (PH)	Yes	-	TCSI	Yes	-	TH INV	Yes	55-1-05508	TH INV	Yes	2918.21	TSCA	Yes	-	VN INV	Yes	-
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15.2	Chemical safety assessment																																																												
A chemical safety assessment has been carried out for this substance.																																																													
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: https://echa.europa.eu/information-on-chemicals/registered-substances																																																											
(EU)H-statement(s)		H302 Harmful if swallowed. H318 Causes serious eye damage. H361d Suspected of damaging the unborn child.																																																											
Classification procedure		The classification for human health, physical and chemical risks and environmental hazards were derived from a combination of calculation methods and, when available, test data.																																																											
List of abbreviations and acronyms		AICS: Australian Chemical Inventory. DSL: Canada. Environmental Protection Act, domestic substances list. ENCS (JP): Japan. Kashin-Hou Law list. IECSC: China. Inventory of existing chemicals. INSQ: Mexico. National inventory of chemical substances. ISHL (JP): Japan. Inventory of industrial safety and health. KECI (KR): Korea. Inventory of existing chemicals. NZIOC: New Zealand. Inventory of chemicals. ONT INV: Canada. Inventory of Ontario. PHARM (JP): Japan. Pharmacopoeia List. PICCS (PH): Philippines. Inventory of chemical substances. TCSI: Taiwan. Inventory of existing chemicals.																																																											



TH INV: Thailand. FDA inventory of existing chemicals.

TSCA: US. Toxic Substances Control Act.

VN INVL: Vietnam. National chemical inventory.

Acute Tox.: Acute Toxicity.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADR/RID/ADN: Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways.

ATE: Acute toxicity estimate.

BCF: Bio-concentration factor.

Bw: Bodyweight.

CAS: Chemical Abstracts Service.

CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

DGR: Dangerous Goods Regulations.

DNEL: Derived No Effect Level.

DMEL: Derived Minimal Effect Level.

EC50: Median Effective Concentration.

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).

EINECS: European Inventory of Existing Commercial Chemical Substances.

ELINCS: European List of Notified Chemical Substances.

Eye Dam.: Serious eye damage.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

IATA: International Air Transport Association (provisions concerning the international carriage of dangerous goods by air).

IATA/DGR: Dangerous Goods Regulations (DGR) for the air transport (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical instructions for the safe transport of dangerous goods by air.

IMDG: International Maritime Dangerous Goods Code.

LC50: Concentration leading to death in 50 % of a test population.

LD50: Dose leading to death in 50 % of a test population.

Log KOW: n-Octanol/water.

M-factor: Multiplication factor.

OECD: Organisation for Economic Cooperation and Development.

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

Repr.: Reproductive toxicity.

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

SCL: Specific concentration limit.

SVHC: Substance of Very High Concern.

vPvB: Very persistent and very bioaccumulative.



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Training recommendations

Workers should be regularly trained on the safe handling of the products based on the information provided in the safety data sheet and the local conditions of the workplace information. National regulations for training workers in the handling of hazardous substances must be followed.

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.

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

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