

MSDS MATERIAL SAFETY DATA SHEET	0.1 Product	<i>DesiVet Concentrate</i>
	0.2 Status	Active
	0.3 Version	2
	0.4 Version date	31-03-2023
1. Identification of the product and of the company		
1.1	<u>Product identification</u>	
Product name	<i>DesiVet Concentrate</i>	
Trade name	<i>DesiVet Concentrate</i>	
Article code	DESI001 DESI005	
Chemical description	Mixture	
UFI	-	
REACH registration number	-	
1.2	<u>Relevant identified uses of the substance or mixture and uses advised against</u>	
Identified use(s)	Cleaning.	
Use(s) advised against	Not identified.	
1.3	<u>Details of the supplier of the safety data sheet</u>	
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	<u>Emergency telephone number</u>	
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	<u>Classification of the substance or mixture</u>					
Classification according to Regulation (EC) no. 1272/2008: This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP).						
2.2	<u>Label elements</u>					
Labelling according to Regulation (EC) no. 1272/2008:						
Hazardous component(s)		-				
Hazard pictogram(s)		-				
Signal word		-				
Hazard statements		EUH208 Contains ortho-phthalaldehyde. May produce an allergic reaction. EUH210 Safety data sheet available on request.				
Precautionary measures		P103 Read label before use.				
- Prevention						
2.3	<u>Other hazards</u>					
Results of PBT and vPvB assessment		According to the results of its assessment, this substance is not considered a PBT or a vPvB.				
Endocrine disrupting properties		There is no information available.				
3. Composition/information on ingredients						
3.1	<u>Substances</u>		Not relevant (mixture).			
3.2	<u>Mixtures</u>		Aqueous solution with the following hazardous components.			
Name component(s)	weight %	CAS no.	EINECS no.	Index no.	Reach no.	Classification
Phthalaldehyde	< 1.0	643-79-8	211-402-2	-	-	Acute Tox., Oral – cat. 3; H301 Skin. Corr. – cat. 1b; H314 Skin. Sens. – cat. 1; H317 Aquatic Acute – cat. 1; H400
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		In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.				
First aid measures in case of inhalation		Remove affected person from the immediate area. Ensure supply of fresh air. In case of persisting adverse effects consult a physician.				
First aid measures in case of skin contact		Wash off immediately with soap and water.				
First aid measures in case of eye contact		Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an ophthalmologist.				

First aid measures in case of ingestion	Summon a doctor immediately and show label or packaging. Rinse out mouth and give plenty of water or milk to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person.
4.2	<u>Most important symptoms and effects, both acute and delayed</u>
Allergic symptoms.	
4.3	<u>Indication of any immediate medical attention and special treatment needed</u>
Treat symptomatically.	
5. Firefighting measures	
5.1	<u>Extinguishing media</u>
Suitable extinguishing media	There is no information available.
Unsuitable extinguishing media	There is no information available.
5.2	<u>Special hazards arising from the substance or mixture</u>
Special exposure hazards	None known.
5.3	<u>Advice for firefighters</u>
Special protective equipment	There is no information available.
Special procedures	Product itself does not burn. Adapt extinguisher and fire-fighting measures to fire in the environment. Cool endangered containers with water spray jet.
6. Accidental release measures	
6.1	<u>Personal precautions, protective equipment and emergency procedures</u>
Personal precautions	<i>For non-emergency personnel:</i> See the protective measures listed in section 7 and 8. <i>For emergency responders:</i> No data available. Personal protective equipment (PPE) - see section 8.
6.2	<u>Environmental precautions</u>
Environmental precautions	Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.
6.3	<u>Methods and material for containment and cleaning up</u>
Methods for cleaning up	Pick up with absorbent material (e.g., sand, sawdust, general-purpose binder). When picked up, treat material as prescribed under heading "Disposal considerations" (section 13).
6.4	<u>Reference to other sections</u>
Handling and storage	See section 7.
Personal protection	See section 8.
Removal of the waste product	See section 13.

7. Handling and storage	
7.1	<u>Precautions for safe handling</u>
Handling	<p><i>Advice on safe handling:</i> Avoid contact with skin and eyes. Open and handle container with care.</p> <p><i>General protective and hygiene measures:</i> Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Provide eye wash fountain in work area. Do not inhale vapours.</p>
7.2	<u>Conditions for safe storage, including any incompatibilities</u>
Storage	Keep container tightly closed, cool and dry <50°C. Protect from atmospheric moisture and water.
Requirements for storage rooms and vessels	Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Protection against fire and explosion	No special measures necessary.
Packaging material	Appropriate material; steel, stainless steel, aluminium, PVC and polyethylene.
Unsuitable packaging material	Do not store together with: acids, alkali, reducing agents, and oxidizing agents.
7.3	<u>Specific end use(s)</u>
Cleaning agent.	
8. Exposure controls/personal protection	
8.1	<u>Control parameters</u>
Occupational exposure limits	No parameters available for monitoring.
Biological limit values	No parameters available for monitoring.
DNELs	No parameters available for monitoring.
PNECs	No parameters available for monitoring.
8.2	<u>Exposure controls</u>
Engineering measures	There is no information available.
Personal protection equipment	
Eye / face protection	Safety glasses with side protection shield (EN 166).
Skin protection	Normal chemical work clothing.
Hand protection	In case of intensive contact, wear protective gloves (EN 374). Check in any case suitability of protective glove for the specific workplace conditions (e.g. mechanical resistance, product compatibility, antistatic properties). The glove manufacturer's instructions and information regarding storage, care and replacement. Appropriate Material nitrile and PVC.
Respiratory protection	If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Thermal hazards	There is no information available.
Environmental exposure controls	There is no information available.
9. Physical and chemical properties	
9.1 Information on basic physical and chemical properties	
Physical state	Liquid.
Colour	Light blue; clear.
Odour	Mild characteristic "detergent" odour.
Melting / freezing point	Not available.
Setting point / solidification range	0 °C.
Boiling point / range (1013 hPa)	100 °C.
Flammability	Not available.
Explosion limits	Lower explosion limit: not available. Upper explosion limit: not available.
Flash point	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
pH	7.2 – 7.8
Kinematic viscosity	Not available.
Solubility	Soluble in water.
Partition coefficient n-octanol/water	Not available.
Vapour pressure	Not available.
Density or relative density	1.0 g/ml at 20 °C.
Relative vapour density	Not available.
Particle characteristics	Not available.
9.2 Other information	
Other information	No further relevant information available.
10. Stability and reactivity	
10.1 Reactivity	
Reactivity	There is no information available.
10.2 Chemical stability	
Stability	There is no information available.
10.3 Possibility of hazardous reactions	
Hazardous reactions	There is no information available.

10.4	Conditions to avoid			
Conditions to avoid	Temperatures above 50°C.			
10.5	Incompatible materials			
Materials to avoid	Acids, alkali, reducing agents and oxidizing agents.			
10.6	Hazardous decomposition products			
Hazardous decomposition products	No hazardous decomposition products known.			
11. Toxicological information				
11.1	Information on hazard classes as defined in Regulation (EC) No. 1272/2008			
Acute toxicity: inhalation	There is no information available.			
Acute toxicity: skin contact	There is no information available.			
Acute toxicity: ingestion				
Route of exposure	Dosis	Species	Source	Methode
Oral	LD50 = > 5,000 mg/kg	Rat	Manufacturer	
Skin corrosion / irritation	Slightly irritant.			
Serious eye damage / irritation	Slightly irritant.			
Respiratory or skin sensitisation	Allergic skin reaction possible in case of repeated or prolonged contact.			
Germ cell mutagenicity	There is no information available.			
Carcinogenicity	There is no information available.			
Reproductive toxicity	There is no information available.			
Specific target organ toxicity – single exposure	There is no information available.			
Specific target organ toxicity – repeated exposure	There is no information available.			
Aspiration hazard	There is no information available.			
11.2	Information on other hazards			
Other hazards	<p><i>Delayed and immediate effects as well as chronic effects from short and long-term exposure:</i> Product contact may lead to sensitisation with sensitive persons.</p> <p><i>Other information:</i> Exercise customary precautions when handling chemicals.</p>			
12. Ecological information				
12.1	Toxicity			
Ecotoxicity	The active component ortho-phthalaldehyde is classified as toxic (Category 1) to aquatic organisms.			

12.2	<u>Persistence and degradability</u>	
Persistence and degradability	The active component ortho-phthalaldehyde is not considered readily biodegradable.	
12.3	<u>Bioaccumulation</u>	
Bioaccumulation	There is no information available.	
12.4	<u>Mobility in soil</u>	
Mobility	There is no information available.	
12.5	<u>Results of PBT and vPvB assesment</u>	
Evaluation	According to the results of its assessment, this substance is not considered a PBT or a vPvB.	
12.5	<u>Endocrine disrupting properties</u>	
Endocrine disrupting potential	There is no information available.	
12.6	<u>Other adverse effects</u>	
Other adverse effects	Do not discharge product unmonitored into the environment.	
13.	Disposal considerations	
13.1	<u>Waste treatment methods</u>	
Waste from residues / unused products	Residuals must be removed from packaging. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.	
European list of waste products	Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.	
Removal of contaminated packaging	Completely emptied packaging must be disposed of in accordance with the regulations for waste removal.	
14.	Transport information	
14.1	<u>UN-number</u>	
UN-number	The product is not subject to ADR/RID/ADN/IMDG/ICAO-IATA regulations.	
14.2	<u>UN proper shipping name</u>	
ADR/RID/ADN name	The product is not subject to ADR/RID/ADN regulations.	
IMDG name	The product is not subject to IMDG regulations.	
ICAO-IATA name	The product is not subject to ICAO-TI / IATA regulations.	
14.3	<u>Transport hazard class(es)</u>	
Class	Not applicable.	
14.4	<u>Packing group</u>	
Packing group	Not applicable.	

14.5 Environmental hazards	
Environmentally hazard	There is no information available.
Marine pollutant	There is no information available.
14.6 Special precautions for user	
There is no information available.	
14.7 Maritime transport in bulk according to IMO instruments	
Not relevant.	
15. Regulatory information	
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
Relevant EU rule(s)	Directive 2012/18/EU of the European Parliament and of the Council of 4 July 2012 on the control of major-accident hazards involving dangerous substances; not mentioned in the annex with dangerous substances. For possible decomposition products see section 10.
National regulations	There is no information available.
15.2 Chemical Safety Assessment	
There is no information available.	
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)	H301 Toxic if swallowed. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H400 Very toxic to aquatic life. P103 Read label before use. EUH208 Contains ortho-phthalaldehyde. May produce an allergic reaction. EUH210 Safety data sheet available on request.
Classification procedure	Classification according to Regulation (EC) no. 1272/2008 (CLP): This product does not meet the criteria for classification in any hazard class.
List of abbreviations and acronyms	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. Acute Tox.: Acute toxicity. Aquatic Acute: Hazardous to the aquatic environment – acute hazard. 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.
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.
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.
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
PBT: Persistent, Bioaccumulative and Toxic substance.
PNEC: Predicted No Effect Concentration.
PPE: Personal protective equipment.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
Skin Corr.: Skin corrosion.
Skin Sens.: Skin sensitization.
vPvB: Very persistent and very bioaccumulative.

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.

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