

SAFETY DATA SHEET by regulation (EC) No 1907/2006 REACH	Date of issue: 01.12.2021
WOOL & CASHMERE SENSITIVE DETERGENT	Version: 1.0

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1	Product identifier
	Name: WOOL & CASHMERE SENSITIVE DETERGENT
	UFI code: There is no obligation
	Registration number: does not have – mixture
1.2	Relevant identified uses of the substance or mixture and uses advised against
	Identified uses: fabric softener
	Uses advised against: use the mixture only for the purposes specified by the manufacturer. Otherwise, the user may be exposed to unpredictable risks.
1.3	Details of the supplier of the safety data sheet
	Supplier: Humdakin
	Address: Estrupvej 1, 8380 Trige, Denmark
	Telephone: +45 6014 1588
	Email: info@humdakin.com
1.4	Emergency telephone number
	Danish Poison Center (Giftlinjen): +45 8212 1212
	Danish Environmental Protection Agency, Tolderundsvej 5, 5000 Odense C, Telephone: +45 72 54 44 66

SECTION 2: Hazards identification

2.1	Classification of the substance or mixture
	Classification 1272/2008/WE: The mixture is not classified as dangerous.
	Dangerous health effects: not classified
	Dangerous effects on the environment: not classified
	Dangerous physical-chemical effects: not classified
2.2	Label elements
	Hazard pictogram: Does not apply.
	Signal word: Does not apply.
	Hazard statement: They are not required.
	Precautionary statements: They are not required.
	Marking according to EC 648/2004: ≥ 5 - $<15\%$ cationic surfactant, $<5\%$ preservative (2-phenoxyethan-1-ol)
2.3	Other hazards
	The mixture is not assessed as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1	Substances												
	Does not apply.												
3.2	Mixtures												
	Aqueous surfactant solution:												
	<table border="1"> <thead> <tr> <th>Substance identifier</th> <th>CAS number EC number Index number Registration number</th> <th>Content (%)</th> <th>Classification 1272/2008</th> </tr> </thead> <tbody> <tr> <td>ethanol</td> <td>64-17-5 200-578-6 603-002-00-5 01-2119457610-46</td> <td>≤ 3</td> <td>Flam. Liq. 2, H225 Eye Irrit. 2, H319</td> </tr> <tr> <td>2-fenoxyethanol</td> <td>122-99-6 204-589-7 603-098-00-9 01-2119488943-21</td> <td>≤ 1</td> <td>Acute Tox. 4, H302 Eye Irrit. 2, H319</td> </tr> </tbody> </table>	Substance identifier	CAS number EC number Index number Registration number	Content (%)	Classification 1272/2008	ethanol	64-17-5 200-578-6 603-002-00-5 01-2119457610-46	≤ 3	Flam. Liq. 2, H225 Eye Irrit. 2, H319	2-fenoxyethanol	122-99-6 204-589-7 603-098-00-9 01-2119488943-21	≤ 1	Acute Tox. 4, H302 Eye Irrit. 2, H319
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	glycerol	56-81-5 200-289-5 - -	≤0,2	The substance is not classified as dangerous
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For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1	Description of first aid measures	If you do not feel well after exposure or if the problem persists, seek medical attention. If unconscious, place in recovery position and get medical attention. Do not give anything by mouth when unconscious.		
	Inhalation:	Remove victim to fresh air, keep calm and warm. If the problem persists, see a doctor.		
	Skin contact:	In case of skin contact, wash immediately with plenty of water. Wash contaminated clothing before reuse. Seek medical attention if irritation persists.		
	Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Do not rinse with a strong stream of water - risk of corneal injury. Get medical attention if problems occur.		
	Ingestion:	Do not induce vomiting. Rinse mouth with water and drink 1-2 dl of water. Call a doctor immediately.		
4.2	Most important symptoms and effects, both acute and delayed	Information not available.		
4.3	Indication of any immediate medical attention and special treatment needed	Special funds are not intended. Treatment is symptomatic.		

SECTION 5: Firefighting measures

5.1	Extinguishing media			
	Suitable extinguishing media:	CO ₂ , extinguishing powder, extinguishing foam, sand		
	Unsuitable extinguishing media:	Full stream of water		
5.2	Special hazards arising from the substance or mixture	The mixture is not classified as flammable. In case of fire, carbon dioxide, carbon monoxide and other hazardous gases may be formed.		
5.3	Advice for firefighters	Use suitable respiratory protective device. Collect contaminated fire fighting water separately. It must not enter the sewage system.		

SECTION 6: Accidental release measures

6.1	Personal precautions, protective equipment and emergency procedures	Restrict unauthorized access to the accident area until the accident is rectified. Ensure adequate ventilation. Avoid contact with skin and eyes. Follow the rules and regulations of work safety when working with chemical products. Use personal protective equipment. Do not breathe vapors or aerosols.		
6.2	Environmental precautions	Do not allow to enter sewers / surface or ground water. If the product leaks into water or sewage system inform appropriate authorities.		
6.3	Methods and material for containment and cleaning up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in a suitable container and dispose of in accordance with local regulations.		
6.4	Reference to other sections	Section 8 and 13.		

SECTION 7: Handling and storage

7.1	Precautions for safe handling	Ensure good ventilation in the workplace. Avoid contact with skin and eyes. Do not breathe vapors / aerosols. Wash hands after use. For personal protection see section. 8. Do not drink, eat or smoke while using the product.		
7.2	Conditions for safe storage, including any incompatibilities	Store in original, tightly closed containers in a well-ventilated, dry and cool place. Do not eat, drink or smoke in areas where the product is stored and used. Store at room temperature.		
7.3	Specific end use(s)	fabric softener		

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SECTION 8: Exposure controls/personal protection

8.1	<p>Control parameters</p> <p>Ethanol CAS 64-17-5 GV 1.000 ppm 1.900 mg/m³ Grænseværdier for stoffer og materialer</p> <p>DNEL 2-phenoxyethanol (CAS 122-99-6) Worker, inhalation, systemic effects, long-term: 8.07 mg / m³ Worker, inhalation, local effects, long-term: 8.07 mg / m³ Worker, dermal, systemic effects, long-term: 20.83 mg / kg / day Consumers, inhalation, systemic effects, long-term: 2.41 mg / m³ Consumers, inhalation, local effects, long-term: 2.41 mg / m³ Consumers, dermal, systemic effects, long-term: 10.42 mg / kg / day Consumers, oral, systemic effects, long-term: 9.23 mg / kg / day Consumers, oral, systemic effects, acute, short-term: 9.23 mg / kg / day</p> <p>DNEL Ethanol (CAS 64-17-5) Worker, inhalation, systemic effects, long-term: 950 mg / m³ Worker, inhalation, local effects, long-term: 1900 mg / m³ Worker, dermal, systemic effects, long-term: 343 mg / kg / day Consumer, inhalation, systemic effects, long-term: 114 mg / m³ Consumer, inhalation, local effects, long-term: 950 mg / m³ Consumer, dermal, systemic effects, long-term: 206 mg / kg / day Consumer, oral, systemic effects, long-term: 87 mg / kg / day</p> <p>PNEC Ethanol (CAS 64-17-5) Freshwater 0.96 mg / l Sea water 0.79 mg / l Danger to microorganisms in WWTP (STP) 580 mg / l Freshwater sediments 3.6 mg / kg dry sediment Marine sediments 2.9 mg / kg dry sediment Soil 0.63 mg / kg dry soil</p> <p>PNEC 2-phenoxyethanol (CAS 122-99-6) Fresh water: 0.943 mg / l Sea water: 0.094 mg / l WWTP: 24.8 mg / l Freshwater sediment: 7.237 mg / kg Marine sediment: 0.724 mg / kg Soil: 1.26 mg / kg</p>										
8.2	<p>Exposure controls</p> <p>Ensure adequate ventilation. After work, wash your hands thoroughly with water. Do not eat, drink or smoke while working.</p> <p>The monitoring procedure for the content of substances in the air of workplaces and the specifications of protective equipment are determined by the worker responsible for occupational safety and health protection.</p> <p>Individual protection measures, such as personal protective equipment</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Respiratory protection:</td> <td>It is not necessary if the concentration limits are observed (if they are exceeded, use a respirator against organic vapors). In the event of an accident or fire, wear self-contained breathing apparatus.</td> </tr> <tr> <td>Eye protection:</td> <td>Wear safety goggles if there is a risk of eye contact</td> </tr> <tr> <td>Hand protection:</td> <td>Wear protective gloves for long-term exposure</td> </tr> <tr> <td>Skin protection:</td> <td>Protective clothing and footwear</td> </tr> <tr> <td>Thermal hazard:</td> <td>It's not</td> </tr> </table> <p>Environmental exposure controls</p> <p>Prevent leakage to the sewage system, surface waters, underground waters and soil.</p>	Respiratory protection:	It is not necessary if the concentration limits are observed (if they are exceeded, use a respirator against organic vapors). In the event of an accident or fire, wear self-contained breathing apparatus.	Eye protection:	Wear safety goggles if there is a risk of eye contact	Hand protection:	Wear protective gloves for long-term exposure	Skin protection:	Protective clothing and footwear	Thermal hazard:	It's not
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Eye protection:	Wear safety goggles if there is a risk of eye contact										
Hand protection:	Wear protective gloves for long-term exposure										
Skin protection:	Protective clothing and footwear										
Thermal hazard:	It's not										

SECTION 9: Physical and chemical properties

9.1	<p>Information on basic physical and chemical properties</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Physical state</td> <td>Liquid</td> </tr> </table>	Physical state	Liquid
Physical state	Liquid		

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Colour	white
Odour	Information is not available
Melting point/freezing point (°C):	Information is not available
Boiling point or initial boiling point and boiling range (°C):	Information is not available
Flammability	Information is not available
Lower and upper explosion limit	Information is not available
Flash point (°C):	Information is not available
Auto-ignition temperature	Information is not available
Decomposition temperature	Information is not available
pH	Information is not available
Kinematic viscosity	Information is not available
Solubility	Information is not available
Partition coefficient n-octanol/water (log value)	Information is not available
Vapour pressure	Information is not available
Density and/or relative density	Information is not available
Relative vapour density	Information is not available
Particle characteristics	Information is not available

9.2 Other information	Information is not available
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SECTION 10: Stability and reactivity

10.1 Reactivity	The product is not reactive under normal conditions.
10.2 Chemical stability	The mixture is stable under normal ambient conditions and anticipated temperature and pressure conditions during storage and handling.
10.3 Possibility of hazardous reactions	They are not known.
10.4 Conditions to avoid	Protect from frost.
10.5 Incompatible materials	Strong oxidizing agents, strong acids and bases.
10.6 Hazardous decomposition products	They do not arise spontaneously.

SECTION 11: Toxicological information

11.1 Information on toxicological effects	
a) Acute toxicity	Based on available data, the classification criteria are not met. - LD50 oral, rat (mg / kg) data for mixture not available 1850 - 2-phenoxyethan-1-ol - LD50 dermal, rat or rabbit (mg / kg) data are not available for the mixture 14 391 - 2-phenoxyethan-1-ol (rat) - LC50 by inhalation, rat, (mg / l, 4h) No data available for the mixture
b) Skin corrosion/irritation	Based on available data, the classification criteria are not met. not irritating - mean scores of erythema = 0.1 and edema = 0 - 2-phenoxyethan-1-ol (OECD 404, rabbit).
c) Serious eye damage/irritation	Based on available data, the classification criteria are not met. eye irritant - 2-phenoxyethan-1-ol (OECD 405, rabbit)
d) Respiratory or skin sensitisation	Based on available data, the classification criteria are not met. not sensitizing - 2-phenoxyethan-1-ol (guinea pig, maximization test)
e) Germ cell mutagenicity	Based on available data, the classification criteria are not met. 2-phenoxyethan-1-ol - negative (OECD 476)

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f) Carcinogenicity Based on available data, the classification criteria are not met. NOAEL = 249 mg / kg - 2-phenoxyethan-1-ol (rat, OECD 451)
g) Reproductive toxicity Based on available data, the classification criteria are not met. NOAEL = approx. 375 mg / kg - 2-phenoxyethan-1-ol (mouse, oral)
h) STOT-single exposure Based on available data, the classification criteria are not met.
i) STOT-repeated exposure Based on available data, the classification criteria are not met. NOAEL = 376 mg / kg - 2-phenoxyethan-1-ol (rat, oral) NOAEL = 500 mg / kg - 2-phenoxyethan-1-ol (rabbit, dermal) NOAEC = 48.2 mg / kg - 2-phenoxyethan-1-ol (rat, inhalation, aerosol, 6 h)
j) Aspiration hazard Based on available data, the classification criteria are not met.
Other information: Information is not available

SECTION 12: Ecological information

12.1 Toxicity The mixture is not classified as dangerous for aquatic organisms. Fish data for the mixture are not available LC50, 96 hours, Great Crested Grebe (<i>Pimephales promelas</i>): 344 mg / l - 2-phenoxyethan-1-ol NOEC, 34 d., Great Crested Grebe (<i>Pimephales promelas</i>): 23 mg / l - 2-phenoxyethan-1-ol Crustacean data for the mixture are not available EC50, 48 hours, <i>Daphnia Magna</i> : > 500 mg / l - 2-phenoxyethan-1-ol NOEC, 21 d., <i>Daphnia Magna</i> : 9.43 mg / l - 2-phenoxyethan-1-ol Algae data for the mixture are not available EC50, 72 hours, Green alga (<i>Desmodesmus subspicatus</i>): > 500 mg / l - 2-phenoxyethan-1-ol NOEC, 72 hours, Green alga (<i>Desmodesmus subspicatus</i>): > 500 mg / l - 2-phenoxyethan-1-ol Bacteria data for the mixture are not available EC10, 17 hours, Bacteria (<i>Pseudomonas putida</i>): 320 g / l - 2-phenoxyethan-1-ol Soil data for the mixture are not available LC50, 14 d., Manure earthworm (<i>Eisenia fetida</i>): > 1,000 mg / kg soil - 2-phenoxyethan-1-ol Plants data for the mixture are not available EC50, 19 d., <i>Brassica napus</i> : 34 mg / kg soil - 2-phenoxyethan-1-ol
12.2 Persistence and degradability Not determined for the mixture. The surfactant (s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 1907/2006. 648/2004 on detergents. 2-phenoxyethan-1-ol: rapidly biodegradable: > 90% in 15 days (loss of dissolved organic carbon, OECD 301 A), 98% in 3 days (loss of dissolved organic carbon, OECD 301 A)
12.3 Bioaccumulative potential not determined for the mixture 2-phenoxyethan-1-ol: BCF = 0.349 (calculation) 2-phenoxyethan-1-ol: log Pow = 1.2 (23 ° C, pH = 5, 7, 9)
12.4 Mobility in soil not determined for the mixture 2-phenoxyethan-1-ol: log Koc = 1,6
12.5 Results of PBT and vPvB assessment The substance is not assessed as PBT or vPvB.
12.6 Endocrine disrupting properties They are not.
12.7 Other adverse effects Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Flushing large amounts into drains or watercourses can lead to an increase in pH, which will affect pH-sensitive ecosystems.

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SECTION 13: Disposal considerations

13.1	Waste treatment methods
	a) Suitable methods for removing the mixture and contaminated packaging: Hand over the marked waste for disposal to a specialized company authorized for this activity. Dispose of waste in accordance with the Waste Act. Perfectly cleaned packaging can be recycled. Possible waste code 20 01 29 * Detergents containing dangerous substances 15 01 02 Plastic packaging
	b) Specify the physical/chemical properties that may affect waste treatment options information is not available
	c) Discourage sewage disposal information is not available
	d) Identify, where appropriate, any special precautions for any recommended waste treatment option information is not available

SECTION 14: Transport information

	The product is not dangerous for transport			
14.1	UN number or ID number: Not applicable			
14.2	UN proper shipping name			
	<i>Ground transportation ADR</i>	Not restricted		
	<i>Railway transportation RID</i>			
	<i>Naval transport IMDG:</i>			
	<i>Air transport ICAO/IATA:</i>			
14.3	Transport hazard class(es)			
	<i>ADR</i>	<i>RID</i>	<i>IMDG:</i>	<i>ICAO/IATA:</i>
	Not applicable	Not applicable	Not applicable	Not applicable
14.4	Packing group			
	<i>ADR</i>	<i>RID</i>	<i>IMDG:</i>	<i>ICAO/IATA:</i>
	Not applicable	Not applicable	Not applicable	Not applicable
14.5	Environmental hazards			
	Mixture is not hazardous to the environment during transport.			
14.6	Special precautions for user			
	Not applicable			
14.7	Maritime transport in bulk according to IMO instruments			
	Information is not available			

SECTION 15: Regulatory information

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture Regulation (EC) No 1907/2006 (REACH); Regulation (EC) No 1272/2008 (CLP) Commission Regulation (EU) 2020/878
15.2	Chemical safety assessment Chemical safety assessment for the substance has not been carried out by the producer.

SECTION 16: Other information

	a)	01.12.2021 - general update of the safety data sheet according to Regulation (EC) No. 878/2020 of the European Parliament and of the Council and according to Regulation (EC) No. 1272/2008 of the European Parliament and of the Council; change of product composition, change of product name		
	b)	List of abbreviations		
		DNEL	Derived No Effect Level	
		PNEC	Predicted No Effect Concentration	
		CLP	Regulation (EC) No 1272/2008	
		REACH	Regulation (EC) No 1907/2006	
		IMDG	International Code of Dangerous Goods	
		IATA	International Air Transport Association	
		ICAO	International Civil Aviation Organization	
		ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	

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	RID Einesc CAS PBT vPvB SDS Acute Tox. 4 Eye Irrit. 2 Flam. Liq. 2	Regulation on the international transport of dangerous goods by rail European Inventory of Existing Commercial Chemical Substances Chemical Abstracts Service persistent, bioaccumulative and toxic substance very persistent a very bioaccumulation substance Safety data sheet Acute toxicity (oral), category 4 Serious eye damage / eye irritation, category 2 Flammable liquids, category 2
c)	Sources of information State legislation, professional literature, ECHA website, safety data sheets for raw materials. The classification of the mixture was performed by the manufacturer according to the classification rules EC 1272/2008 - according to the additive formula, general and specific concentration limits.	
d)	List of hazard statements: H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H319 Causes serious eye irritation.	
e)	Instructions for training Training of work safety for handling with chemicals.	
f)	Other information The information in this safety data sheet correspond to the best knowledge of the product at the time of publication. This information is used for safer handling, storage, transportation and disposal of the product. This information does not guarantee the quality of the product. This information applies only to this material and is not valid if the product is used in combination with other materials or in a way which is not listed in this SDS.	