



Material Safety Data Sheet acc. REACH

Lanolan, all grades

conform to Annex II (Requirements for the compilation of safety data sheets), Directive EU 2020/878

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Section 1 Identification of the substance/mixture and of the company

1.1 Product identifier Wool Fat, Lanolin (anhydrous), Wool Wax

Trade Name

Lanolan, all grades

1.2 Relevant identified uses of the substance or mixture and uses advised against As emollient in cosmetics, as excipient in pharmaceutical preparations, as care ingredient in home care products, as rust preventive.

1.3 Details of the supplier of the safety data sheet Deutsche Lanolin Gesellschaft GmbH & Co KG
Eichendorffstrasse 37
D-60320 Frankfurt am Main
Tel.: 069 / 56 10 35
Fax: 069 / 56 85 18
e-Mail: msds@lanolin.de

1.4 Emergency telephone number Giftinformationszentrum Mainz
Langenbeckstrasse 1
D-55131 Mainz
Phone: +49 (0)6131 19 24 0

Section 2 Hazards identification

2.1 Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements None

2.3 Other hazards No hazardous effects on health and environment known.

Section 3 Composition/information on ingredients

3.1 Substance Lanolin
CAS No.: 8006-54-0
EINECS No.: 232-348-6

3.1.1 Description Natural mixture of esters of aliphatic and sterol alcohols with fatty acids



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Section 4 First aid measures

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| 4.1 | Description of first aid measures | After eye and skin contact flush off with water.
Consult a doctor, if feeling unwell.
After ingestion, rinse mouth. If ingestion of a large amount does occur, call a poison control center or consult a doctor. |
| 4.2 | Most important symptoms and effects, both acute and delayed | After ingestion: Gastrointestinal disorder |
| 4.3 | Indication of any immediate medical attention and special treatment needed | If problems resist, consult a physician. |

Section 5 Firefighting measures

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| 5.1 | Extinguishing media | Foam, Carbon dioxide, extinguishing powder.
Water is as extinguishing media unsuitable. |
| 5.2 | Special hazards arising from the substance or mixture | Hazardous combustion products: Carbon monoxide, carbon dioxide |
| 5.3 | Advice for firefighters | Water is as extinguishing media unsuitable.
Use air supplied equipment, if necessary. |

Section 6 Accidental release measures

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| 6.1 | Personal precautions, protective equipment and emergency procedures | Use personal protective equipment. Do not inhale vapors/ mist/ gas. |
| 6.2 | Environmental precautions | Keep away in larger quantities from bodies of water or sewage systems. |
| 6.3 | Methods and material for containment and cleaning up | Absorb by sand/sawdust and burn or deposit mechanically. |
| 6.4 | Reference to other sections | For disposal see section 13. |

Section 7 Handling and storage

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|------------|---|--|
| 7.1 | Precautions for safe handling | Normal measures for preventive fire protection. |
| 7.2 | Conditions for safe storage, including any incompatibilities | Keep container tightly closed in a dry and well-ventilated place. Avoid heat and sunlight. Do not store in rooms with sprinkler systems. |
| 7.3 | Specific end use(s) | No data available |



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Section 8 Exposure controls/personal protection

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| 8.1 Control parameters | Does not contain substances with maximum allowable concentrations. |
| 8.2 Exposure controls | General industrial hygiene practice. No hazards under normal conditions. |

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

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| a) Physical state: | Solid |
| b) Colour: | Yellow |
| c) Odour: | Characteristic |
| d) Melting point/freezing point: | 38 - 44°C |
| e) Boiling point or initial boiling point and boiling range: | Decomposes before ebullition |
| f) Flammability: | No data available |
| g) Lower and upper explosion limit: | Not applicable |
| h) Flash point: | 238°C |
| i) Auto-ignition temperature: | Not applicable |
| j) Decomposition temperature: | Not applicable |
| k) pH: | Not applicable |
| l) Kinematic viscosity: | 200 - 400 mm ² /s (50°C) |
| m) Solubility: | Insoluble in water; freely soluble in chloroform, ether, tetrahydrofuran and toluene; soluble in diethyl ether and cyclohexane; sparingly soluble in cold ethanol. |
| n) Partition coefficient n-octanol/water (log value): | 15.6 (calculated) |
| o) Vapour pressure: | No data available |
| p) Density and/or relative density: | 0.935 g/ml |
| q) Relative vapour density: | Not applicable |
| r) Particle characteristics: | Not applicable |
| 9.2 Other information | None |



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Section 10 Stability and reactivity

10.1 Reactivity	No reactivity under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known.
10.4 Conditions to avoid	No hazardous reactions known.
10.5 Incompatible materials	Strong oxidizing agents
10.6 Hazardous decomposition products	Burning can produce carbon monoxide and / or carbon dioxide.

Section 11 Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

a) Acute toxicity:	LD50 (rat, oral) > 32 g/kg D50 (rabbit, dermal) > 10 ml/kg
b) Skin corrosion/irritation:	No skin corrosion or irritation.
c) Serious eye damage/irritation:	No eye corrosion or irritation.
d) Respiratory or skin sensitisation:	Incidence of lanolin allergy in the general population has been estimated to be no more than 5.5 (\pm 4.2) cases per million people.
e) Germ cell mutagenicity:	No data available
f) Carcinogenicity:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
g) Reproductive toxicity:	No data available
h) STOT-single exposure:	No data available
i) STOT-repeated exposure:	No data available
j) Aspiration hazard:	No data available

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties	No data available
11.2.2 Other information	None



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Section 12 Ecological information

12.1	Toxicity	Water hazard class 1 (according to Annex 1 of AwSV from 18.04.2017, last updated 18.11.2021)
12.2	Persistence and degradability	Biodegradable
12.3	Bioaccumulative potential	No bioaccumulative potential known.
12.4	Mobility in soil	Low mobility in soil expected.
12.5	Results of PBT and vPvB assessment	No safety assessment needed
12.6	Endocrine disrupting properties	No data available
12.7	Other adverse effects	No data available
12.8	Other information	None

Section 13 Disposal considerations

13.1	Waste treatment methods	Dispose of according to local, state and federal regulations. Burning or deposition.
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Section 14 Transport information

14.1	UN number	None
14.2	UN proper shipping name	None
14.3	Transport hazard class(es)	The product is not classified in ADR/IATA/IMGD/RID - guidelines.
14.4	Packing group	None
14.5	Environmental hazards	None
14.6	Special precautions for user	None
14.7	Maritime transport in bulk according to IMO instruments	None

Section 15 Regulatory information

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	Regulation EC 1069/2009, Regulation EC 142/2011
15.2	Chemical safety assessment	No obligatory information on health and environmental protection



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Section 16 Other Information

No special training is required for the use.

No restriction on uses.

INCI name: LANOLIN

For further information see www.lanolin.de