Material Safety Data Sheet acc. REACH conform to Annex II (Requirements for the compilation of safety data sheets), Directive EU 2015/830 (28.05.2015)

Modified: May 23, 2018 Printed: 23.05.2018 MSDS Lanolin Alcohol, all grades - Page 1/5

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

1.1 Product identifier
Lanolin Alcohol, Wool Alcohol, Alcohols, Lanolin

REACH registration No.: 01-2119519224-47-0007

Trade name: Lanowax / Lanolin Alcohol, all grades

1.2 Relevant identified uses of the substance or mixture and uses advised against
As moisturiser and w/o emulsifier in cosmetic preparations.

1.3 Details of the supplier of the safety data sheet
DEUTSCHE-LANOLIN-GESELLSCHAFT
Eichendorffstrasse 37
D-60320 Frankfurt am Main
Tel.: 069 / 56 10 34
Fax: 069 / 56 85 18
E-Mail: mathias@parmentier.de

1.4 Emergency telephone number
Giftinformationszentrum Mainz
Langenbeckstrasse 1
D-55131 Mainz
Tel.: 06131 / 19240

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.

3 Composition/information on ingredients

3.1 Substance
Lanolin Alcohol
CAS No: 8027-33-6
EC No: 232-430-1
REACH registration No.: 01-2119519224-47-0007

3.1.1 Description
Mixture of alcohols like Cholesterol and Lanosterol. The refined unsaponifiable parts of Lanolin.
4 First aid measures

4.1 Description of first aid measures

After **eye and skin contact** flush off with water.

After **inhalation**, move to fresh air. 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.

5 Firefighting measures

5.1 Extinguishing media

Foam, CO₂, extinguishing powder

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

Water is as extinguishing media unsuitable. Use air supplied equipment for fighting interior fires.

6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

None

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

Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7 Handling and storage

7.1 Precautions for safe handling

No special requirements.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Do not store in rooms with sprinkler system.

7.3 Specific end use(s)

No data available
8 Exposure controls/personal protection

8.1 Control parameters

Does not contain substances with maximum allowable concentrations.

8.2 Exposure controls

General industrial hygiene practice.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance: Wax
b) Odour: Characteristic
c) Odour Threshold: No data available
d) pH: Not applicable
e) Melting point/freezing point: 45 - 55 °C (Cosm.)/ 58 - 75 °C (EP)
f) Initial boiling point and boiling range: 220 - 420 °C
g) Flash point: Approx. 240 °C

9.2 Other information

Freely soluble in chloroform, ether, dichloromethane and light petroleum; sparingly soluble in cold ethanol.
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conform to Annex II (Requirements for the compilation of safety data sheets), Directive EU 2015/830 (28.05.2015)

10 Stability and reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
No dangerous reactions known.

10.4 Conditions to avoid
Exposure to oxygen and heat may affect product quality.

10.5 Incompatible materials
Strong oxidising agents

10.6 Hazardous decomposition products
No hazardous decomposition products known.

11 Toxicological Information

11.1 Information on toxicological effects

a) Acute toxicity:
   \(LD_{50}\) (rat, oral) > 16 g/kg
   \(LD_{50}\) (rat, skin) > 2 g/kg

b) Skin corrosion/irritation:
   No to mild, transient skin irritation.

c) Serious eye damage/eye irritation:
   No eye corrosion or irritation.

d) Respiratory or skin sensitization:
   Incidence of lanolin allergy in the general population has been estimated to be no more than 5.5 (± 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:
   NOAEL (rat, oral) > 1g/kg/day

h) Specific target organ toxicity - single exposure:
   No data available

i) Specific target organ toxicity - repeated exposure:
   No data available

j) Aspiration hazard:
   No data available
12 Ecological information

12.1 Toxicity
Water hazard class: I (acc. VwVwS dd. 02.08.1999)

12.2 Persistence and degradability
39% degradation after 28 days and therefore cannot be considered to be readily biodegradable under the strict terms and conditions of OECD Guideline No 301B.

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
No data available

12.6 Other adverse effects
No data available

13 Disposal considerations

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

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

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
None

15.2 Chemical safety assessment
None

16 Other information

No special training is required or any restriction does apply for use.
No restriction on uses.
INCI name: LANOLIN ALCOHOL
For further information see www.lanolin.de