MATERIAL SAFETY DATA SHEET


DEUTSCHE-LANOLIN-GESELLSCHAFT
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Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier Hydrogenated Wool Fat

Trademark: Hydrogenated Lanolin

1.2 Relevant identified uses of the substance or mixture and uses advised against

As moisturiser in cosmetic preparations, rust prevention

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

According to EC-Regulation 1999/45/EC not classified as hazardous

2.2 Label elements

2.3 Other hazards

No hazardous effects on health and environment known

3 Composition/information on ingredients

3.1 Substances

Hydrogenated Lanolin
EC Nr.: 232-452-1
CAS Nr.: 8031-44-5

4 First aid measures

4.1 Description of first aid measures

No special measures necessary

4.2 Most important symptoms and effects, both acute and delayed

After skin and eye contact wipe off and flush with plenty of water.
After ingestion no measures necessary. Allowed as food additive
MATERIAL SAFETY DATA SHEET
acc. REACH Annex I (REQUIREMENTS FOR THE COMPILATION OF SAFETY DATA SHEETS),
Directive EU 453/2010 (20.05.2010)
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4.3 Indication of any immediate medical attention and special treatment needed
If the symptoms persist contact your medical doctor

5  Firefighting measures
5.1 Extinguishing media  Foam, CO₂, extinguishing powder
5.2 Special hazards arising from substance or mixture  None
5.3 Advice for firefighting  Water unsuitable

6  Accidental release measures
6.1 Personal precautions, protective equipment and emergency procedures  No measures necessary
6.2 Environmental precautions  Keep away in larger quantities from bodies of water or sewage systems.
Keep cool and dry
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  None

7  Handling and storage
7.1 Precautions for safe handling  No special measures necessary
7.2 Conditions for safe storage, including any incompatibilities  Do not store in rooms with sprinkler system.
Otherwise no special requirements
7.3 Specific end use(s)  None

8  Exposure controls/personal protection
8.1 Control parameters  None
8.2 Exposure controls  No hazard in normal conditions
9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: wax
- Colour: white
- Odour: weak
- Solubility in water: Not soluble
- Flashpoint: above 200 °C
- Ignition temperature: above 275 °C
- Melting point: approx. 45 °C
- Boiling point: approx. 275 °C

9.2 Other information

Soluble in Aceton

10 Stability and reactivity

10.1 Reactivity

No dangerous reactions known

10.2 Chemical stability

Stable in normal conditions

10.3 Possibility of hazardous reactions

No hazardous reactions known

10.4 Conditions to avoid

Keep away from fire

10.5 Incompatible materials

Nitric acid, sulphuric acid, strong oxidising agents

10.6 Hazardous decomposition products

No hazardous decomposition products known

11 Toxicological information

11.1 Information on toxicological effects

No dangers known. Acute oral toxicity to rats: LD$_{50}$ is greater than the maximum practical dose of 16 g/kg.

12 Ecological information

12.1 Toxicity

Water hazard class: nwg (acc. VwVwS dd. 17.05.1999)

12.2 Persistence and degradability

Biodegradable

- Oxigen: Biochemical (BSB) 1261 mgO$_2$/g
- Chemical (CSB) 3147 mgO$_2$/g

12.3 Bioaccumulative potential

No bioaccumulative potential

12.4 Mobility in soil

No groundwater contamination

12.5 Results of PBT and vPvB assessment

No safety assessment needed
12.6 Other adverse effects
Not known

13 Disposal considerations
13.1 Waste treatment methods
Burning or deposition

14 Transport information
14.1 UN number
None
14.2 UN proper shipping name
None
14.3 Transport hazard class(es)
Not classified in the ADR/IATA/IMDG/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
Regulation EC 1069/2009,
Regulation EC 142/2011
15.2 Chemical safety assessment
Not to be labelled as hazardous

16 Other information
No relevant R phrases
No special training is required or restriction does apply for the use
INCI name: HYDROGENATED LANOLIN