

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

LANOLIN

1. Identification of the substance/mixture and company

Trade name: Lanolin
INCI: Lanolin
REACH pre-registration No. : exempt
Utilization: Raw material for personal care, cosmetics
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.ellemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified
Adverse physicochemical, human health and environmental effects
No additional information available
2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display Extra classification(s) to display
No labelling applicable
2.3. Other hazards
No additional information available

3. Declaration of ingredients

3.1 Substances
Lanolin (CAS-No.) 8006-54-0 (EC-No.) 232-348-6 100%
Classification according to Regulation (EC) No. 1272/2008 [CLP] - Not classified

3.2 Mixtures
Not concerned

4. First aid measures

First-aid measures general : If you feel unwell, seek medical advice. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Allow affected person to breathe fresh air. Respiratory problems: consult a doctor/medical service. Allow the victim to rest.
First-aid measures after skin contact : Rinse with water. Soap may be used. If irritation persists, consult a doctor.
Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

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First-aid measures after eye contact : Rinse cautiously with water for several minutes. Consult an ophtalmologist if irritation persists. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth out with water. Call a poison center or a doctor if you feel unwell.

Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No supplementary information available.

5. Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : direct fire hazard. Combustible liquid. Heating increases the fire hazard.

Explosion hazard : No direct explosion hazard.

Reactivity in case of fire : On burning: release of carbon monoxide - carbon dioxide.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : No supplementary information available

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Mark the danger area. Exposure to heat: have neighbourhood close doors and windows.

Exposure to fire/heat: consider evacuation. Wash contaminated clothes.

6.1.1. For non-emergency personnel

Protective equipment : No additional information available.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Collect spillage. Store away from other materials.

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Other information : No supplementary information available.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". See Heading 8. Exposure controls and personal protection.

7. Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in original container. Keep container closed when not in use. Store tightly closed in a dry and cool place.

Incompatible products : not known

Incompatible materials : not known.

Information on mixed storage : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Storage area : Store in a well-ventilated place. Store at ambient temperature. Keep out of direct sunlight.

Packaging materials : No supplementary information available.

7.3. Specific end use(s)

No supplementary information available.

8. Exposure controls / personal protection

8.1. Control parameters

Additional information : No additional information available

8.2. Exposure controls

Personal protective equipment:

Usual laboratory protective clothing.

Hand protection: Wear protective gloves.

Eye protection:

No special measures required

Respiratory protection:

No special measures required

Personal protective equipment symbol(s):

Other information:

Do not eat, drink or smoke during use.

9. Physical and chemical properties

Physical state : pasty solid

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Colour : yellow
Odour : characteristic.
Odour threshold : No data available
pH : not relevant
Relative evaporation rate (butylacetate=1) : No data available
Melting point : 38 -44°C
Freezing point : No data available
Boiling point : >300°C
Flash point : >200°C
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : 0.95 at 20°C
Solubility : Material insoluble in water.
Water: Insoluble
Log Pow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available
9.2. Other information
No additional information available

10. Stability and reactivity

10.1. Reactivity
Oxidation with atmospheric oxygen. Formation of free fatty acids..
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
Not established.
10.4. Conditions to avoid
Keep away from heat sources, open flames and sunlight.
10.5. Incompatible materials
No supplementary information available.
10.6. Hazardous decomposition products
Product does not decompose at proper handling.

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11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not determined
Acute toxicity (dermal) : Not determined
Acute toxicity (inhalation) : Not determined
Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

12. Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified
Chronic aquatic toxicity : Not classified

12.2. Persistence and degradability

Biologically well degradable

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment.

13. Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : No supplementary information available.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Do not discharge into drains or the environment. Remove to an authorized waste treatment plant. Avoid release to the environment.

14. Transport information

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14.1. UN number

UN-No. (ADR) : Not established.

UN-No. (IMDG) : Not established.

UN-No. (IATA) : Not established.

UN-No. (ADN) : Not established.

UN-No. (RID) : Not established.

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not established.

Proper Shipping Name (IMDG) : Not established.

Proper Shipping Name (IATA) : Not established.

Proper Shipping Name (ADN) : Not established.

Proper Shipping Name (RID) : Not established.

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not established.

IMDG

Transport hazard class(es) (IMDG) : Not established.

IATA

Transport hazard class(es) (IATA) : Not established.

ADN

Transport hazard class(es) (ADN) : Not established.

RID

Transport hazard class(es) (RID) : Not established.

14.4. Packing group

Packing group (ADR) : Not established.

Packing group (IMDG) : Not established.

Packing group (IATA) : Not established.

Packing group (ADN) : Not established.

Packing group (RID) : Not established.

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not established.

Transport by sea

Not established.

Air transport

Not established.

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Inland waterway transport

Not established.

Rail transport

Not established.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not established.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012

concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

16. Additional information

16.1 Abbreviations

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

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RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.