

Information Safety data sheet
according to 1907/2006/EC (Article 32) and subsequent amendments

Printing date 03.11.2022

Version number 2 (replaces version 1)

Revision: 03.11.2022

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

- 1.1 Product identifier**- Trade name:** LANOLINA SP PH.EUR.**- Chemical Identification:** Lanolin**- Article number:** MP 020719**- CAS Number:**

8006-54-0

- EC number:

232-348-6

- Registration number*The substance is exempted from REACH registration under annex V Regulation (EC) No. 1907/2006***- 1.2 Relevant identified uses of the substance or mixture and uses advised against .****- Application of the substance / the mixture** Industrial auxiliary**- 1.3 Details of the supplier of the safety data sheet****- Manufacturer/Supplier:**

ECSA Chemicals AG

Via Luigi Favre 16 - CH-6828 Balerna (Chiasso); Burgauerstrasse 17 - CH-9230 Flawil (SG) tel.+41 58 211 91 00

- fax +41 58 211 91 01

ECSA Maintenance AG

Burgauerstrasse 17 - CH-9230 Flawil (SG) tel.+41 58 211 93 00 - fax +41 58 211 93 01

ECSA Energy SA

Via Luigi Favre 16 - CH-6828 Balerna (Chiasso) tel.+41 58 211 95 00 - fax +41 58 211 95 01

ECSA ITALIA Srl Società con Unico Socio

Via Lav. Autobianchi 1 - I-20832 Desio (MB) tel. +39 0362 625 421 - fax +39 0362 304 361

- Informing department: Product safety department: quality@ecsa.ch

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture**- Classification according to Regulation (EC) No 1272/2008***The substance is not classified, according to the CLP regulation.***- 2.2 Label elements****- Labelling according to Regulation (EC) No 1272/2008** Void**- Hazard pictograms** Void**- Signal word** Void**- Hazard statements** Void**- 2.3 Other hazards****- Results of PBT and vPvB assessment****- PBT:** Not applicable.**- vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- 3.1 Substances**- CAS No. Designation:**

8006-54-0 Lanolin

- Identification number(s):**- EC number:** 232-348-6

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- **Additional information:** INCI: LANOLIN

SECTION 4: First aid measures

- 4.1 Description of first aid measures

- **General information** No special measures required.- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

- After skin contact

The product is not skin irritating.

Clean with water and soap.

If the skin is irritated, consult a doctor.

- After eye contact

Remove contact lenses, if present and easy to do.

Rinse opened eye for several minutes under running water.

- After swallowing

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Wash out mouth with water if person is conscious.

- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.- **4.3 Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media

- **Suitable extinguishing agents** Dry chemical- **For safety reasons unsuitable extinguishing agents**

Carbon dioxide

Water.

- 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

- 5.3 Advice for firefighters

- Protective equipment:

Do not inhale explosion gases or combustion gases.

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves)

- Additional information

Cool endangered containers with water spray.

Collect contaminated fire fighting water separately. It must not enter drains.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

- **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.

- 6.3 Methods and material for containment and cleaning up:

Vacuuming can prevent the dust formation.

Collect mechanically.

Send for recovery or disposal in closed suitable containers.

Dispose of the material collected according to regulations.

- 6.4 Reference to other sections

See Section 8 for information on personal protection equipment.

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See Section 13 for information on disposal.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Thorough dedusting.

Any deposit of dust which cannot be avoided must be removed regularly.

Open and handle container with care.

- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.

- 7.2 Conditions for safe storage, including any incompatibilities

- Storage

- Requirements to be met by storerooms and containers:

Store in cool location.

Store in closed containers.

Suitable material for containers and pipes: High-grade steel.

PE

- **Information about storage in one common storage facility:** Store away from oxidising agents.

- Further information about storage conditions:

Caution when reopening containers with broken seal.

Store container in a well ventilated position.

Store in cool, dry conditions in well sealed containers.

- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters

- **Components with limit values that require monitoring at the workplace:** Not required.

- **Additional information:** The lists that were valid during the compilation were used as basis.

- 8.2 Exposure controls

Appropriate engineering controls:

Ensure good ventilation in the workplace

Limit the formation of dust

- **Individual protection measures, such as personal protective equipment**

- General protective and hygienic measures

The usual precautionary measures should be adhered to general rules for handling chemicals.

Avoid contact with the eyes and skin.

Do not inhale dust / smoke / mist.

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Do not eat, drink or smoke while working.

- Breathing equipment:

Use breathing protection in case of insufficient ventilation.

wear dust mask

- Hand protection

The use of resistant protective gloves is recommended.

Chemical resistant gloves (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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- Eye/face protection

Safety glasses recommended.

Equipment should conform to EN 166.

- Body protection:

Use protective suit.

Safety shoes.

- Environmental exposure controls Do not allow product to reach drains and waterways.*** SECTION 9: Physical and chemical properties****- 9.1 Information on basic physical and chemical properties****- Appearance:****- Form:**Solid material.
wax**- Colour:**

Brown

- Odour:

Characteristic

- Odour threshold:

Not determined.

- Melting point/freezing point:

26-42 °C

- Boiling point or initial boiling point and boiling range

180 °C

- Flammability

Not applicable.

- Lower and upper explosion limit**- Lower:**

Not determined.

- Upper:

Not determined.

- Flash point:

285-295 °C

- Ignition temperature:

Not applicable.

- Decomposition temperature:

Not determined.

- pH

Not applicable.

- Viscosity:**- dynamic:**

Not applicable.

- Solubility**- Water:**

Unsoluble

- Partition coefficient n-octanol/water (log value)

Not determined.

- Vapour pressure:

Not applicable.

- Density and/or relative density**- Relative density**

0.9

- Vapour density

Not applicable.

- Particle characteristics

See item 3.

- 9.2 Other information**- Important information on protection of health and environment, and on safety.****- Self-inflammability:**

Not determined.

- Explosive properties:

Not determined.

- Change in condition**- Softening point/range****- Oxidising properties**

Not determined

- Evaporation rate

Not applicable.

- Information with regard to physical hazard classes**- Explosives**

Void

- Flammable gases

Void

- Aerosols

Void

- Oxidising gases

Void

- Gases under pressure

Void

- Flammable liquids

Void

- Flammable solids

Void

- Self-reactive substances and mixtures

Void

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- Pyrophoric liquids	Void
- Pyrophoric solids	Void
- Self-heating substances and mixtures	Void
- Substances and mixtures, which emit flammable gases in contact with water	Void
- Oxidising liquids	Void
- Oxidising solids	Void
- Organic peroxides	Void
- Corrosive to metals	Void
- Desensitised explosives	Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity See "Possibility of hazardous reactions"
- 10.2 Chemical stability Stable under normal condition of use
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions
Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid Observe the normal safety regulations when handling chemicals.
- 10.5 Incompatible materials: strong oxidizing agents
- 10.6 Hazardous decomposition products: Poisonous gases/vapours

* SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.

- LD/LC50 values that are relevant for classification:

8006-54-0 Lanolin

Oral | LD50 | >16,000 mg/kg (rat) (European Chemicals Bureau; IUCLID Dataset)

- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.
- Additional toxicological information:
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) No further information available
- 11.2 Information on other hazards

- Endocrine disrupting properties

Substance is not listed.

* SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability Easily biodegradable
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.

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- 12.5 Results of PBT and vPvB assessment**- PBT:** Not applicable.**- vPvB:** Not applicable.**- 12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.**- 12.7 Other adverse effects****- Additional ecological information:****- According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464 EC:**

The product does not contain heavy metals in concentrations that are relevant for wastewater

- General notes:

The product does not contain organically bounded halogens (AOX-free).

Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations**- 13.1 Waste treatment methods****- Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated under adherence to official regulations.

- Waste disposal key number: HP 15 Reg.1357/2014/UE**- Uncleaned packagings:****- Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.**SECTION 14: Transport information**

- 14.1 UN number or ID number	
- ADR, ADN, IMDG, IATA	Void
- 14.2 UN proper shipping name	
- ADR, ADN, IMDG, IATA	Void
- 14.3 Transport hazard class(es)	
- ADR, ADN, IMDG, IATA	
- Class	Void
- 14.4 Packing group	
- ADR, IMDG, IATA	Void
- 14.5 Environmental hazards:	
- Marine pollutant:	No
- 14.6 Special precautions for user	Not applicable.
- 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
- UN "Model Regulation":	Void

*** SECTION 15: Regulatory information****- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) n° 1907/2006

Regulation (EC) n° 1272/2008

Regulation (EC) n° 830/2015

Regulation (EC) n° 487/2013

Regulation (EC) n° 878/2020

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OPChim 813.11

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

Substance is not listed.

- **REGULATION (EU) 2019/1148**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

Substance is not listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

Substance is not listed.

- **Regulation (EC) No 273/2004 on drug precursors**

Substance is not listed.

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

Substance is not listed.

- **National regulations**

- **Water hazard class:** Water hazard class 1 (Assessment by list): slightly hazardous for water.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

* SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:** Environment protection department.

- **Contact:** quality@ecsa.ch

- **Date of previous version:** 10.09.2018

- **Version number of previous version:** 1

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

- **Sources**

ECHA Registered Substances Database

PubChem

- * **Data compared to the previous version altered.**