

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

1.1 Product identifier

Product name: HARD LANOLIN
Chemical Name: Lanolin wax
EC No.: 269-220-4
CAS No.: 68201-49-0

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

Used according to manufacturer's directions

1.3 Details of the supplier of the Safety Data Sheet

Supplier:
Charkit Chemical Company LLC.
32 Haviland Street, Unit 1, Norwalk, CT 06854
Tel: +1 203-299-3220
Fax: +1 203-299-1355
e-mail: sales@charkit.com

1.4 Emergency telephone number

Chemtrec: 800-424-9300 (US) / +1-703-527-3887(Int'l)

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Not classified

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008 [CLP]

The product does not require a hazard warning label in accordance with GHS criteria.

2.3 Other hazards

The product does not meet the PBT and/or vPvB criteria.

SECTION 3. Composition/information on ingredients

3.1 Substances

Chemical characterization of the substance:

Name	Concentration	CAS No.	EC No.
Lanolin wax	100%	68201-49-0	269-220-4

SECTION 4. First aid measures

4.1 Description of first aid measures

General notes:	If you feel unwell, seek medical advice.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact:	Wash off with soap and plenty of water.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Call a POISON CENTER or doctor/physician if you fell unwell. Rinse mouth.

4.2 Most important symptoms and effects, both acute and delayed

No supplementary information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms (decontamination, vital functions), no Known specific antidote.

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Powder fire extinguisher, CO2 foaming fire extinguisher, foam, water spray, sand

Unsuitable extinguishing media: Direct water

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Cool surrounding containers with water spray.

Firefighters should wear appropriate personal protective equipment.

Untrained personnel should be removed to a safe place.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Wear suitable protective equipment (e.g., safety gloves, hazard mask, protective glasses, air aspirator) to prevent any contamination of skin or eyes.

Remove ignition sources and provide sufficient ventilation to control exposure. In case of emergency, contact responsible personnel and consult an expert.

6.1.2 For emergency responders

Wear protective equipment (e.g., safety gloves, hazard mask, protective glasses and/or air aspirator).

6.2 Environmental precautions

Do not empty into drains. Retain and dispose of contaminated wash water.

6.3 Methods and material for containment and cleaning up

Vacuum or sweep up material and place into suitable disposal container.

6.4 Reference to other sections

See section 8 and section 13 as appropriate.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Ensure through ventilation of stores and work areas.

Avoid with skin and eyes.

Wear suitable protective clothing and eye/face protection.

Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion: Take precautionary measures against static discharges.

Do not eat, drink and smoke in work areas.

Wash hands after uses.

Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks, open flames, hot surfaces and direct sunlight.

Store in unopened original containers in a cool and well-ventilated place

7.3 Specific end use(s)

Used according to manufacturer's directions.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits: No data available

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Handle the product only under conditions where sufficient ventilation is provided and/or in a closed system.

Avoid accumulation of vapors by providing adequate ventilation during and after use.

8.2.2 Personal protection equipment:

Eye and face protection: Use equipment for protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).

Skin protection: Handle with gloves. Gloves must be inspected prior use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good manufacturing practices. Wash and dry hands.

Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

8.2.3 Environmental exposure controls:

Avoid release large volume of the product to the environment.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

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|--|---|
| (a) Appearance; | Light yellow-blown, waxy substance |
| (b) Odor; | Characteristic odor |
| (c) Odor threshold; | No data available |
| (d) pH; | No data available |
| (e) Melting point/freezing point; | 47°C |
| (f) Initial boiling point and boiling range; | No data available |
| (g) Flash point; | 296°C |
| (h) Evaporation rate; | No data available |
| (i) Flammability; | No data available |
| (j) Upper/lower/ flammability or explosive limits; | No data available |
| (k) Vapor pressure; | No data available |
| (l) Vapor density; | No data available |
| (m) Relative density; | 0.89(60°C) |
| (n) Solubility (ies); | Readily soluble in heptane and methyl ethyl ketone, practically insoluble in water. |
| (o) Partition coefficient: n-octanol/water; | No data available |
| (p) Auto-ignition temperature; | No data available |
| (q) Decomposition temperature; | No data available |
| (r) Viscosity; | No data available |
| (s) Explosive properties; | Based on the chemical structure, there is no indicating of explosive. |
| (t) Oxidizing properties; | Based on its structural properties, the product is not classified as oxidizing. |

9.2 Other information

No information

SECTION 10. Stability and Reactivity

10.1 Reactivity

Risk of explosion in contact with oxidizing agents, e.g., potassium permanganate and chromic anhydride. No hazardous reactivity if store in unopened original containers in a cool and well-ventilated place.

10.2 Chemical stability

Stable in unopened original containers in a cool and well-ventilated place. Protect from sunlight.

10.3 Possibility of hazardous reactions

No hazardous reactivity

10.4 Conditions of avoid

Heat, sparks, open flames, hot surfaces and direct sunlight

10.5 Incompatible materials

Strong oxidizing reagents

10.6 Hazardous decomposition products

Incomplete combustion results in formation of toxic gases, containing mainly carbon monoxide.

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/irritation:	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity;	No data available
Carcinogenicity;	No data available
Reproductive toxicity;	No data available
Summary of evaluation of the CMR properties;	No data available
STOT-single exposure;	No data available
STOT-repeated exposure;	No data available
Aspiration hazard:	No data available

SECTION 12. Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

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

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Remaining substance/product and its containers should be dealt with as such manner in accordance with national and/or local regulation.

Do not dump into sewers, on the ground or into any body of water.

Consult an expert on the disposal. Ensure disposal in compliance with government requirements and ensure conformity to local disposal considerations.

SECTION 14. Transport information

14.1 UN number

Not regulated

14.2 UN proper shipping name

Not regulated

14.3 Transport hazard class (es)

Not regulated

14.4 Packing group

Not regulated

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Transport and storage according to general precaution and instructions mentioned above.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

SECTION 15. Regulatory information

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

Regulation (EC) No 453/2010 of May 2010 amending 1907/2006 of European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency.

Regulations (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulations (EC) No 1907/2006.

Inventory Status

ENCS (Japan):	Not applicable
TSCA (USA):	Inventory
EINECS (EC):	Inventory (269-220-4)
DSL (Canada):	Inventory
AICS (Australia):	Inventory
PICCS (Philippines):	Inventory
ECL (Korea):	Inventory (KE-21819)
IECSC (China):	Inventory
NZIoC(New Zealand):	Inventory
TCSI(Taiwan)	Inventory

15.2 Chemical safety assessment:

Not conducted

SECTION 16. Other information

Indication of Changes:

Updated to reflect new CLP&REACH regulations, and general update.

Abbreviations and acronyms:

None

Key literature references and sources for data:

- (1) In-house data
- (2) Chemical Risk Information Platform (CHRIP) by Incorporated Administrative Agency National Institute of Technology and Evaluation (NITE)
<http://www.safe.nite.go.jp/english/db.html/>
- (3) GESTIS-database in hazardous substances information system on hazardous substances of German Social Accident Insurance
<http://www.dguv.de/ifa/en/gestis/stoffdb/index.jsp>

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008[CLP]:

Not applicable

Training advice:

None

Further information:

None

The information of this Safety Data Sheet has been established based on the available data which are believed to be correct. These information should serve as basis to ensure the safety in handling, storing, transporting and disposal of this product. No guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

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