

SAFETY DATA SHEET

1. PRODUCT

1.1 Product identifiers

Name: Petroleum jelly

CAS-No.: 8009-03-8

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

Identified uses : Laboratory chemicals, Manufacture of substances

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

No data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms: Petrolatum
CAS-No. : 8009-03-8
EC-No. : 232-373-2

Hazardous components

| Component | Classification | Concentration |
|-----------------------------|----------------|---------------|
| Petrolatum non carcinogenic | | <= 100 % |

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

| |
|--|
| General advice |
| No data available |
| If inhaled |
| If breathed in, move person into fresh air. If not breathing, give artificial respiration. |
| In case of skin contact |
| Wash off with soap and plenty of water. |
| In case of eye contact |
| Flush eyes with water as a precaution. |
| If swallowed |
| Never give anything by mouth to an unconscious person. Rinse mouth with water. |

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.2 Indication of any immediate medical attention and special treatment needed

No data available

5 . FIREFIGHTING MEASURES

5 .1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5 .2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

5 .3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5 .4 Further information

No data available

6 . ACCIDENTAL RELEASE MEASURES

6 .1 Personal precautions, protective equipment and emergency procedures

Use non-slip safety shoes in areas where spills or leaks can occur. Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

6 .2 Environmental precautions

Do not let product enter drains.

6 .3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal. Clean thoroughly. 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

Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

7 .2 Conditions for safe storage, including any incompatibilities

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

Storage class (TRGS 510): Non Combustible Solids

7 .3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8 . EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

| Component | CAS-No. | Value | Control parameters | Basis |
|-----------------------------|-----------|---|--------------------|---|
| Petrolatum non carcinogenic | 8009-03-8 | TWA | 5.000000 mg/m3 | USA. Occupational Exposure Limits (OSHA) -Table Z-1 Limits for Air Contaminants |
| | | TWA | 5.000000 mg/m3 | USA. ACGIH Threshold Limit Values (TLV) |
| | Remarks | Upper Respiratory Tract irritation Not classifiable as a human carcinogen | | |
| | | TWA | 5.000000 mg/m3 | USA. NIOSH Recommended Exposure Limits |
| | | ST | 10.000000 mg/m3 | USA. NIOSH Recommended Exposure Limits |
| | | TWA | 5 mg/m3 | USA. Occupational Exposure Limits (OSHA) -Table Z-1 Limits for Air Contaminants |
| | | TWA | 5 mg/m3 | USA. ACGIH Threshold Limit Values (TLV) |
| | | Upper Respiratory Tract irritation Not classifiable as a human carcinogen | | |
| | | TWA | 5 mg/m3 | USA. OSHA -TABLE Z-1 Limits for Air Contaminants -1910.1000 |
| | | TWA | 5 mg/m3 | USA. NIOSH Recommended Exposure Limits |
| | | ST | 10 mg/m3 | USA. NIOSH Recommended Exposure Limits |

8.2 Exposure controls

A appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

| | |
|-----------------------------------|---|
| Eye/face protection | Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). |
| Skin protection | <p>Handle with gloves. Gloves must be inspected prior to 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 laboratory practices. Wash and dry hands.</p> <p>Full contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested: Dermatrill® (KCL 740 / Aldrich Z677272, Size M)</p> <p>Splash contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested: Dermatrill® (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374</p> <p>If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an</p> |
| Body Protection | Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. |
| 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). |
| Control of environmental exposure | Do not let product enter drains. |

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|------------------------------|--|
| Appearance | Form: paste Colour: colourless |
| Odour | No data available |
| Odour Threshold | No data available |
| pH | No data available |
| Melting point/freezing point | Melting point/range: 51 - 71 °C (124 - 160 °F) at 1,013 hPa (760 mmHg) |

| | |
|--|---|
| Initial boiling point and boiling range | 360 - 732 °C (680 - 1,350 °F) at 1,013 hPa (760 mmHg) |
| Flash point | 180 - 256 °C (356 - 493 °F) |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Upper/lower flammability or explosive limits | No data available |
| Vapour pressure | < 0.2 hPa (< 0.2 mmHg) at 80 °C (176 °F) |
| Vapour density | No data available |
| Relative density | 0.865 - 0.886 g/cm ³ at 15 °C (59 °F) |
| Water solubility | insoluble |
| Partition coefficient: n-octanol/water | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity | 3 - 30 mm ² /s at 100 °C (212 °F) - |
| Explosive properties | No data available |
| Oxidizing properties | No data available |

9.2 Other safety information

Bulk density: 722 g/l

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

Other decomposition products - No data available

In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

| |
|---|
| Acute toxicity |
| No data available |
| Inhalation: No data available |
| Dermal: No data available |
| LD ₅₀ Intraperitoneal - Mouse - > 50.000 mg/kg |
| Skin corrosion/irritation |
| No data available |
| Serious eye damage/eye irritation |
| No data available |
| Respiratory or skin sensitisation |
| No data available |
| Germ cell mutagenicity |

| |
|---|
| No data available |
| Carcinogenicity |
| No data available IARC: 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. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen by OSHA. |
| Reproductive toxicity |
| No data available No data available |
| Specific target organ toxicity -single exposure |
| No data available |
| Specific target organ toxicity -repeated exposure |
| No data available |
| Aspiration hazard |
| No data available |
| Additional Information |
| RTECS: SE6780000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. |

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

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

| |
|--|
| Product |
| Offer surplus and non-recyclable solutions to a licensed disposal company. |
| Contaminated packaging |
| Dispose of as unused product. |

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

| Component | CAS-No. | Revision Date |
|-----------------------------|----------------|----------------------|
| Petrolatum non carcinogenic | 8009-03-8 | 1989-08-11 |

Pennsylvania Right To Know Components

New Jersey Right To Know Components

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

HMS Rating

Health hazard: 0

Chronic Health Hazard:

Flammability: 2

Physical Hazard 0

NFPA Rating

Health hazard: 0

Fire Hazard: 2

Reactivity Hazard: 0

Health hazard: 0

Fire Hazard: 0

Reactivity Hazard: 0
