



SAFETY DATA SHEET

HARD PARAFFIN

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: HARD PARAFFIN

PRODUCT NO: RM181

APPLICATION/IDENTIFIED Widely used in pharmaceutical and cosmetic industries

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EMERGENCY CONTACT NUMBER:

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Does not contain any components which are hazardous according to the Dangerous Substance Directive (67/548/EC) or CLP Regulation 1272/2008/EC.

Label elements:

Does not require a hazard warning label in accordance with Dangerous Substance Directive (67/548/EC) or CLP Regulation 1272/2008/EC.

Other hazards:

Health: Unlikely to cause eye irritation
Unlikely to cause skin irritation
Not Volatile. It is not likely to be an inhalation hazard at normal ambient temperatures. If overheated, fumes and vapours are irritating to the breathing passages and lungs.
Ingestion is likely to cause adverse systemic health effects

Environmental: Although no specific ecological hazards are expected and bioaccumulation is unlikely, spillage into the environment should always be avoided

Physical/Chemical: Not applicable

Additional Information: Hot molten liquid may cause thermal burns

3 COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Paraffin Wax (Petroleum)

EC-No: 232-315-6
CAS-No: 8002-74-2
Customs Tariff: 2712 90
%-mass: 100

There are no additional ingredients which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Mixture Not applicable

4 FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

INHALATION

Remove the affected person to fresh air. If recovery is not rapid, obtain medical attention.

SKIN CONTACT

Wash the affected parts of the body with soap and water. No emergency measures are necessary but if adverse skin effects follow, refer for medical attention.

INGESTION

Do not induce vomiting. No emergency measures are needed but if adverse health effects follow, refer for medical attention.

EYE CONTACT

Flush eyes immediately with fresh water for at least 5 minutes while holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, refer for medical attention.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

POTENTIAL ACUTE HEALTH EFFECTS

INHALATION

Over-heated wax can produce fumes which may be irritant when breathed in.

SKIN CONTACT

May cause slight irritation to skin.

INGESTION

No known significant effects or critical hazards.

EYE CONTACT

May cause light irritation to eyes.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

IN CONTACT WITH OR SPLASHED BY HOT MOLTEN LIQUID

SKIN CONTACT

Cool the skin immediately with cool water. Treat burns according to their severity. To avoid damage to the skin no attempt should be made to remove paraffin wax firmly adhering to the skin. In case of circumferential burns splitting of paraffin wax ring may be considered to prevent tourniquet effect. Obtain medical attention. Never try to remove the material with solvents.

CONTACT WITH EYES

Cool the area immediately with cold water. Seek advice of an ophthalmologist.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Foam, dry chemical, carbon dioxide, water mist.

SPECIAL HAZARDS ARISING FROM SUBSTANCE OR MIXTURE

Slight flammability hazard when exposed to heat or flame. During a fire, toxic gases (carbon monoxide, nitrous gases) may be generated by thermal decomposition or combustion.

ADVICE FOR FIREFIGHTERS

Only suitably trained personnel should attempt to tackle fires. Do not stay in the danger zone without respiratory protective equipment and protective clothing.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Surfaces may become slippery after spillage.

ENVIRONMENTAL PRECAUTIONS

Water may be used to flush spills away from sources of ignition. Do not allow the product to enter public drainage system or open water courses.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Scrape up spilled substance and remove to containers for disposal. Use sand or active clay to absorb molten product or allow to set before removal.

REFERENCE TO OTHER SECTIONS

See Section 8 and 13.

7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid skin contact. Avoid inhalation of vapour, mist or fumes. Do not wear contaminated clothing. Recommended temperature for handling is 60-80°C. Wash hands after working with the material.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep containers tightly closed.

SPECIFIC END USE(S)

This material is formulated for various uses.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

TWA TLV (ACGIH): 2mg/m³ (paraffin wax fumes). However in all circumstances exposure should be kept as low as reasonably possible by good ventilation and safe working practices.

EXPOSURE CONTROLS**APPROPRIATE ENGINEERING MEASURES**

No special measures needed

RESPIRATORY PROTECTION

Inhalation of the vapour, fumes or mists should be avoided by safe working practices and good ventilation.

EYE PROTECTION

No special precautions are needed beyond clean working conditions and safe handling practices.

SKIN PROTECTION

No special precautions are needed beyond clean working conditions and safe handling practices. PVC or nitrile gloves may be suitable.

9 PHYSICAL AND CHEMICAL PROPERTIES

Please refer to separate Product Specification Data Sheet.

10 STABILITY AND REACTIVITY

REACTIVITY

This product is not reactive under normal storage and handling conditions (see Section 7)

CHEMICAL STABILITY

Under normal storage and handling conditions, this product is stable. May react with strong oxidizing agents, especially at high temperatures.

POSSIBILITY OF HAZARDOUS REACTIONS

No specific hazardous reactions are expected to occur.

CONDITIONS TO AVOID

The product is combustible when heated >300°C.

INCOMPATIBLE MATERIALS

May react with strong oxidants.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or incomplete combustion may produce carbon monoxide, nitrous gases and irritating fumes.

11 TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

INHALATION

Not volatile. It is unlikely to be an inhalation hazard at normal ambient temperatures. If overheated, fumes and vapours are irritating to the breathing passages and lungs.

SKIN CONTACT

Unlikely to cause skin irritation.

EYE CONTACT

Unlikely to cause eye irritation.

INGESTION

Ingestion is unlikely to cause adverse systematic health effects.

OTHER

Petroleum waxes are generally regarded as non-toxic, relatively harmless and not irritating under normal usage. Studies on related substances, i.e. base oils and waxes, indicate oral and dermal LD50 of >2g/kg.

12 ECOLOGICAL INFORMATION

TOXICITY

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY

The product is not readily biodegradable.

BIOACCUMULATIVE POTENTIAL

Data not available.

MOBILITY IN SOIL

Data not available.

RESULTS OF PBT AND vPvB ASSESSMENT

This substance does not fulfill the criteria for being classed as a PBT or vPvB substance.

OTHER ADVERSE EFFECTS

No other adverse effects are observed.

13 DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Transport to authorized waste location, or incinerate under controlled conditions (EU Directives 2000/76/EC and 1999/31 EC apply). European Waste Catalogue No. 050199/130899.

14 TRANSPORT INFORMATION

| | |
|--|----------------|
| UN Number: | Not classified |
| UN Proper Shipping Name: | Not classified |
| Transport Hazard Class(es): | Not classified |
| Packing Group: | Not classified |
| Environmental Hazards: | None |
| Special Precautions for user: | None |
| Transport in bulk according to Annex II of MARPOL&3/78 and the IBC Code: | Not classified |

15 REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE
Regulations No. 2037/2000 (ozone depletors), No. 850/2004 (POPs) and No. 689/2008 (Export/Import of dangerous chemicals) not applicable for this substance.

CHEMICAL SAFETY ASSESSMENT

The supplier has not performed a chemical safety assessment of this substance.

16 OTHER INFORMATION

DISCLAIMER

The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this SDS is to the best of JML's knowledge correct at the time of publication. However, no guarantee is given to its accuracy, reliability or completeness and the information may not be valid if the product is used in combination with other materials or process. It is the responsibility of the user to ensure that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulatory requirements.