



SAFETY DATA SHEET

HARD PARAFFIN

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME:	HARD PARAFFIN
PART No.:	RM181, RM182
APPLICATIONS:	Widely used in pharmaceutical and cosmetic industries.
SUPPLIER:	J M Loveridge plc Southbrook Road, Southampton Hampshire SO15 1BH Tel: 023 8022 2008 Fax: 023 8022 2117

2. COMPOSITION/INFORMATION ON INGREDIENTS:

COMPOSITION COMMENTS:	Mixture of solid hydrocarbons consisting mainly of n-paraffin waxes.
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3. HAZARDS IDENTIFICATION:

Not regarded as a health or environmental hazard under current legislation.

No significant hazard associated with cold product. Contact with hot material will cause thermal burns.

Inhalation of hot wax fumes if present in sufficiently high concentration may cause eye and respiratory irritation.

4. FIRST AID MEASURES:

GENERAL:	IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION
SKIN:	Wash affected area with plenty of soap and water. Hot/molten product - cool affected area under cold running water. Remove adhering material only under medical supervision.
EYES:	Rinse immediately with copious amounts of water. If irritation or discomfort persists, seek medical attention.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:	Foam, dry chemical or carbon dioxide.
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SPECIAL FIRE FIGHTING PROCEDURES:

UNSUITABLE EXTINGUISHING MEDIA - high pressure water-jet.

HAZARDOUS COMBUSTION PRODUCTS:

Burning may release oxides of carbon and other hazardous gases or vapours.

6. ACCIDENTAL RELEASE MEASURES:**PERSONAL PRECAUTION IN SPILL:**

Spillage may constitute a slipping hazard.

PRECAUTIONS TO PROTECT ENVIRONMENT:

Prevent contamination of soil, drains and surface water.

SPILL CLEANUP METHODS:

Collect spilled material, securely seal into labelled containers and deliver for disposal according to local regulations and Duty of Care. Wash the area clean with water and detergent, observing environmental requirements.

If molten, contain the product and allow to solidify, collect or gather into containers ready for disposal.

7. HANDLING AND STORAGE:**USAGE PRECAUTIONS:**

Avoid overheating and use only in well ventilated areas.

Avoid contact with molten/hot product.

STORAGE PRECAUTIONS:

Store in a cool dry place. Store away from sources of heat or ignition.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:**INGREDIENT NAME:**

HARD PARAFFIN

CAS No.:**STD**

OES

LT EXP 8 Hrs

2 mg/m3

ST EXP 15 Min

6 mg/m3

INGREDIENT COMMENTS:

Refer to the current edition of HSE Guidance Note EH 40/200* for occupational exposure limits; - listed as paraffin wax, fume

PROCESS CONDITIONS:

Gloves and goggles should be worn when handling molten product.

VENTILATION:

Ventilate if heated.

RESPIRATORS:

Respiratory protection required in insufficiently ventilated working areas. (when working with hot material).

EYE PROTECTION:

Use eye protection if eye contact is likely.

OTHER PROTECTION:

Apron. Wear suitable personal protective equipment appropriate to the task.

9. PHYSICAL AND CHEMICAL PROPERTIES:**APPEARANCE:**

Colourless or white translucent waxy mass.

PHYSICAL DATA COMMENTS:

Combustible substance.

MELT/FREEZ. POINT (°C, interval):

50 - 57°C

SOLUBILITY DESCRIPTION:

Insoluble in water. Soluble in: petroleum solvents.

FLASH POINT (°C):

> 220 °C

Method:

10. STABILITY AND REACTIVITY:

STABILITY:	Stable under normal conditions of use.
CONDITIONS TO AVOID:	Avoid excessive heat.
HAZARDOUS DECOMP. PRODUCTS:	Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours.

11. TOXICOLOGICAL INFORMATION:

TOXIC DOSE - LD 50:	Est. >2000 mg/kg (oral rat)
HEALTH HAZARDS, GENERAL:	No specific health effects anticipated with this product.
SKIN:	Non irritant on incidental contact.
EYES:	Fumes may cause irritation.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	No specific information available, but material is expected to have adverse effect on the environment.
DEGRADABILITY:	Potentially biodegradable.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	Via authorised/licenced waste disposal contractor to an approved waste disposal site, observing all local and national regulations.
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14. TRANSPORT INFORMATION:

GENERAL:	Not subject to transport regulations unless carried in bulk, in molten state with temperature at or above 100°C. (UN No. 3257)
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15. REGULATORY INFORMATION:

UK REGULATORY REFERENCES:	This product is not classed as dangerous substance under the classification, packaging and labelling of dangerous substances regulations.
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16. OTHER INFORMATION:

INFORMATION SOURCES:	This product has been classified in accordance with CHIP3 regulations.
REVISION COMMENTS:	Edition 01; Revised item(s):
ISSUED BY:	MK
SDS No.:	227
DATE:	12/07/02
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