SAFETY DATA SHEET
LIGHT LIQUID PARAFFIN

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: LIGHT LIQUID PARAFFIN

PRODUCT NO: RM183

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

Classification
Physical Hazards Not Classified
Health Hazards Asp. Tox. 1 – H304
Environmental Hazards Not Classified
Classification (67/548/EEC or 1999/45/EC)

Label elements
EC number 232-455-8

Pictogram

Signal Word Danger
Hazard Statements H304 – May be fatal if swallowed and enters airways
Precautionary Statements P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor
P405 – Store locked up
Other Hazards This substance is not classified as PBT or vPvB according to current EU criteria
3 COMPOSITION/INFORMATION ON INGREDIENTS

Substances
Product Name: Light Liquid Paraffin BP/EP M85
REACH Registration Number: 01-2119487078-27
CAS Number: 8042-47-5
EC Number: 232-455-8

4 FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

INHALATION
Move affected person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION
Move affected person to fresh air and keep warm and at rest position comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.

SKIN CONTACT
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

INHALATION
Vapours in high concentrations are anaesthetic. Symptoms following overexposure may include the following: Headache, Fatigue, Dizziness. Central nervous system depression.

INGESTION
May cause nausea, headache, dizziness and intoxication.

SKIN CONTACT
Skin irritation.

EYE CONTACT
May cause temporary eye irritation.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

NOTES FOR THE DOCTOR
No specific recommendations. If in doubt, get medical attention promptly.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA
Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

UNSUITABLE EXTINGUISHING MEDIA
Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

HAZARDOUS COMBUSTION PRODUCTS
Carbon. Oxides of:
ADVICE FOR FIREFIGHTERS
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES
PERSONAL PRECAUTIONS
Follow precautions for safe handling described in this Safety Data Sheet. Avoid inhalation of spray mist and contact with skin and eyes. Provide adequate ventilation.
ENVIRONMENTAL PRECAUTIONS
ENVIRONMENTAL PRECAUTIONS
Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP
METHODS FOR CLEANING UP
Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.
REFERENCE TO OTHER SECTIONS
REFERENCE TO OTHER SECTIONS
For personal protection see Section 8. For waste disposal, see Section 13.

7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING
USAGE PRECAUTIONS
Avoid inhalation of vapours/spray and contact with skin and eyes. Provide adequate ventilation.
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
STORAGE PRECAUTIONS
Keep container tightly closed. Keep only in the original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS
DNEL
Industry – Dermal: 220 mg/kg/day
Industry – Inhalation: 160 mg/m³
Consumer – Dermal: 92 mg/kg/day
Consumer – Inhalation: 35 mg/m³
Consumer – Oral: 40 mg/kg/day

EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS
Provide adequate ventilation.
EYE/FACE PROTECTION
The following protection should be worn: Chemical splash goggles.

HAND PROTECTION
Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber.

OTHER SKIN AND BODY PROTECTION
Wear rubber apron. Wear rubber footwear.

RESPIRATORY PROTECTION
If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Organic vapour filter.

9 PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION
Appearance: Liquid
Colour: Colourless
Odour: Odourless
Odour threshold: No information available
pH-value: No information available
Melting point: No information available
Initial Boiling point and range: No information available
Flash point: >170°C
Evaporation rate: No information available
Evaporation factor: No information available
Flammability (solid, gas): No information available
Upper/lower flammability or Explosive limits: Lower flammable/explosive limit: 0.9 Upper flammable/explosive limit: 7.0
Vapour pressure: <0.013 kPa @ °C
Vapour density: >2
Relative density: 0.83 – 0.85 @ 15°C
Solubility(ies): Insoluble in water
Partition coefficient: >3.5
Auto-ignition temperature: No information available
Decomposition temperature: No information available
Viscosity: 16 cSt @ 40°C
Explosive properties: No information available
Oxidising properties: Not available

OTHER INFORMATION
Other information: Not available

10 STABILITY AND REACTIVITY

REACTIVITY

There are no known reactivity hazards associated with this product.

CHEMICAL STABILITY

STABILITY
Stable at normal ambient temperatures and when used as recommended.
POSSIBILITY OF HAZARDOUS REACTIONS

Not relevant.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.

INCOMPATIBLE MATERIALS

Strong oxidising agents

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of the following substances: Carbon

11 TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY – ORAL

Acute toxicity – oral (LD50 mg/kg) 5,000
Species Rat

ACUTE TOXICITY – DERMAL

Notes (dermal LD50) LD50 >2000 mg/kg. Dermal. Rabbit

ACUTE TOXICITY – INHALATION

Notes (inhalation LC50) LC50 >5 mg/l. Inhalation. Rat

SKIN CORROSION/IRRITATION

Extreme pH Not irritating

SERIOUS EYE DAMAGE/IRRITATION

Serious eye damage/irritation Not irritating

RESPIRATORY SENSITISATION

Respiratory sensitisation There is no evidence that the product can cause respiratory hypersensitivity

SKIN SENSITISATION

Skin sensitisation Not sensitising

GERM CELL MUTAGENICITY

Genotoxicity – in vitro No specific test data are available

CARCINOGENICITY

Carcinogenicity No specific test data are available

REPRODUCTIVE TOXICITY

Reproductive toxicity – fertility No specific test data are available

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE

STOT – single exposure No specific test data are available

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE

STOT – repeated exposure No specific test data are available

ASPIRATION HAZARD

Aspiration hazard Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis

INHALATION

Ingestion of even small quantities may be fatal
INGESTION
May cause unconsciousness, blindness and possibly death.

SKIN CONTACT
Slightly irritating.

EYE CONTACT
May cause temporary eye irritation.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

TOXICITY

ACUTE TOXICITY – FISH
LC0, 96 hours, 96 hours: 100 mg/l

ACUTE TOXICITY – AQUATIC INVERTEBRATES
EC0, 48 hours, 48 hours: 100 mg/l, Daphnia magna

ACUTE TOXICITY – AQUATIC PLANTS
EC50, 48 hours: > 100 mg/l, Algae

PERSISTENCE AND DEGRADABILITY
The product is readily biodegradable

BIOACCUMULATIVE POTENTIAL
The product does not contain and substances expected to be bioaccumulating.

PARTITION COEFFICIENT
>3.5

MOBILITY IN SOIL

MOBILITY
The product is insoluble in water

RESULTS OF PBT AND vPvB ASSESSMENT

RESULTS OF PBT AND vPvB ASSESSMENT
This substance is not classified as PBT or vPvB according to current EU criteria

OTHER ADVERSE EFFECTS

OTHER ADVERSE EFFECTS
No information required.

13 DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

GENERAL INFORMATION
Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not puncture or incinerate, even when empty.

DISPOSAL METHODS
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
14 TRANSPORT INFORMATION

GENERAL
The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

UN NUMBER
Not relevant

UN PROPER SHIPPING NAME
No information required

TRANSPORT HAZARD CLASS(ES)
No information required

PACKING GROUP
No information required

ENVIRONMENTAL HAZARDS
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT
No

SPECIAL PRECAUTIONS FOR USER
No information required

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE
No information required

15 REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE
NATIONAL REGULATIONS

EU LEGISLATION

GUIDANCE

CHEMICAL SAFETY ASSESSMENT
No chemical safety assessment has been carried out.

16 OTHER INFORMATION

HAZARD STATEMENTS IN FULL
H304 – May be fatal if swallowed and enters airways.

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.