



## SAFETY DATA SHEET

### Shell Microwax LMP

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## 1. Identification of Substance/Preparation and Company

**Product name:**  
Shell Microwax LMP

**Use of the substance/preparation**

## 2. Composition/Information on Ingredients

**Preparation Description:**

Mixture of saturated hydrocarbons.

## 3. Hazards Identification

**Human Health Hazards:**

No specific hazards under normal use conditions

**Safety hazards:**

**Environmental hazards:**

Avoid spillage.

## 4. First Aid Measures

**Other information:**

**First aid - inhalation**

Inhalation of any vapours from this product is not likely to present an acute hazard.  
Remove to fresh air.

**First aid - skin:**

Remove contaminated clothing and wash affected skin with soap and water.  
If high pressure injection injuries occur, obtain medical attention immediately.

**First aid - eye:**

Rinse immediately with plenty of water for at least 10 minutes



and seek medical advice.

**First aid - ingestion:**

Do not induce vomiting  
If rapid recovery does not occur, obtain medical attention

**Advice to physicians:**

Treat symptomatically

**5. Fire Fighting Measures**

**Extinguishing media:**

Foam, Dry chemical powder, carbon dioxide, sand or earth.

**Unsuitable extinguishing media:**

Do not use water in a jet

**Specific hazards:**

Combustion is likely to give rise to a complex mixture of gases and airborne particulates, including carbon monoxide, oxides of sulphur, and unidentified organic and inorganic compounds.

**6. Accidental Release Measures**

**Personal precautions:**

Ventilate contaminated area thoroughly  
Minimise contact with skin.

**Environmental precautions:**

Prevent further leakage or spillage and prevent from entering drains  
Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.

**Clean-up methods:**

Shovel into a suitable, clearly marked container for disposal or reclamation in accordance with local regulations.

**Other information:**

**7. Handling and Storage**

**Handling:**

When using do not eat or drink.  
When handling product in drums, safety footwear should be worn and proper handling equipment should be used.  
Prevent spillages.

**Storage:**

Avoid direct sunlight, heat sources, and strong oxidising agents.

**Recommended materials:**

mild steel  
high density polyethylene  
for containers or container linings.

**8. Exposure Controls/Personal Protection**



**Engineering control measures:**

**Occupational exposure standards:**

| Component name | Limit type           | Value/Unit          | Other Information |
|----------------|----------------------|---------------------|-------------------|
| Oil mist       | 8-h TWA              | 5 mg/m <sup>3</sup> | ACGIH             |
| 15-min STEL    | 10 mg/m <sup>3</sup> | ACGIH               |                   |

**Other information:**

**Respiratory protection:**  
Not normally required.

**Hand protection:**

**Eye-Protection:**

**Body Protection:**

**Hygiene measures:**  
Don't keep oily rags in your pockets.  
Wash hands before eating and drinking.

**9. Physical and Chemical Properties**

**Physical state:**

Form....: fest

**Safety relevant data:**

Change of physical state:  
62 bis 66°C  
(

Vapour pressure:( 20 °C): < 0.001 hPa

Solubility in water ( 20°C): Negligible

n-octanol/water  
partition coefficient: Not applicable

**10. Stability/Reactivity**

**Stability:**

Stable under normal use conditions

**Materials to avoid:**

Strong oxidising agents

**Hazardous decomposition products:**

Hazardous decomposition products are not expected to form during normal storage.

**Other information:**

**11. Toxicological Information**

**Toxicological Data:**

LD 50 expected to be > 2000 mg/kg.



**Specific symptomatic results:**  
Not available

**Skin irritation:**  
Expected to be slightly irritant

**Skin sensitisation:**  
Not expected to be a skin sensitiser

Product is based on mineral oils of types shown to be non-carcinogenic in animal skin-painting studies. Other components are not known to be associated with carcinogenic effects.

**Human effects:**

**Other information:**

Information given is based on a knowledge of the toxicology of similar products.

**12. Ecological information**

**Persistence/degradability:**

Information given is based on data on the components and the ecotoxicology of similar products.

Not readily biodegradable.

**Mobility:**

Floats on water.  
Semi-solid under most environmental conditions.  
If it enters soil, it will adsorb to soil particles and will not be mobile.  
Product has the potential to bioaccumulate.

**Ecotoxicity:**

Product is expected to be practically non-toxic to aquatic organisms, LC/EC50 >100mg/L.

**Other Information:**

**13. Disposal Considerations**

**Product:**

**Precautions:**  
Dispose to licensed disposal contractor

**European waste code:**  
12 01 12

**Container disposal:**

Drain container thoroughly  
Dispose to licensed disposal contractor

**Recommended cleaning procedure:**  
Cleaning by disposal contractor

**14. Transport information**

Not dangerous for conveyance under UN, IMO, ADR/RID and IATA/ICAO



codes.

## 15. Regulatory Information

### EC Classification:

Not classified as dangerous under EC criteria

### National Regulations:

## 16. Other Information

Recommended restrictions on use:  
None at conventional use.

### Additional informations:

Concawe Report 5/87 Health Aspects of Lubricants.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.