

# MATERIAL SAFETY DATA SHEET



## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : *MOSIL RL - 2*  
SUPPLIER : *MOSIL LUBRICANTS PVT. LTD*  
: *166/1, "KALANIDHI", SION (WEST),*  
: *MUMBAI - 400022 INDIA*  
EMERGENCY TEL : *+91 22 24076680 / 66662250*

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name : *General Purpose Lubricating Grease*  
Chemical family : *Lubricating Grease*  
Chemical formula : *N / A*

Ingredients	CAS Numbers	Concentration
1 <i>Non-Hazardous Additives</i>		( 1 - 5 % )
2 <i>12-OH Lithium Salt</i>	7620-77-1	( < 12 % )
3 <i>Refined Mineral Oil</i>	64742-62-7, 64742-54-7	( 86 - 95 % )

## 3. HAZARD IDENTIFICATION

Main Hazards : *Not Classified as Hazardous.*

## 4. FIRST AID MEASURES

Eye contact : *Flush thoroughly with water. If irritation occurs, call a physician.*  
Skin contact : *Wash contact areas with water.*  
Inhalation : *Not expected to be a problem.*  
Ingestion : *Not expected to be a problem. However, if greater than 1/2 liter ingested, immediately give 1 to 2 glasses of water and call a physician, hospital emergency room or poison control center for assistance. Do not induce vomiting or give anything by mouth to an unconscious person.*

## 5. FIRE FIGHTING MEASURES

Extinguishing media : *Carbon dioxide, foam, dry powder, BCF, Halon.*  
Special fire fighting procedures : *Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.*  
Special protective equipment : *For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.*  
Unusual fire and explosion hazards : *None. Flash Point > 250°C.*  
Hazardous decomposition products : *Flammable limits - LEL: NA, UEL: NA.*  
*Carbon monoxide. Elemental oxides. Metal oxides*

## 6. ACCIDENTAL RELEASE MEASURES

Notification procedures:  
*Report spills as required to appropriate authorities.*

Procedures if material is released or spilled:  
*Adsorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.*

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## Environmental precautions:

*Prevent spills from entering storm sewers or drains and contact with soil.*

## Personal precautions :

*See section 8*

### 7. HANDLING AND STORAGE

Handling	<i>No special precautions are necessary beyond normal good hygiene practices. See section 7 for additional personal protection advice when handling this product.</i>
Storage	<i>Do not store in open or unlabelled containers. Store away from strong oxidising agents or combustible material.</i>

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation	<i>No special requirements under ordinary conditions of use and with adequate ventilation.</i>
Respiratory protection	<i>No special requirements under ordinary conditions of use and with adequate ventilation.</i>
Eye protection	<i>Normal industrial eye protection practices should be employed.</i>
Skin protection	<i>No special equipment required. However, good personal hygiene practices should always be followed.</i>
Exposure limits	<i>This product does not contain any components which have recognised exposure limits.</i>

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below:

Appearance	<i>Smooth</i>
Colour	<i>Light to Dark Yellow</i>
Odour	<i>Mild</i>
Odour Threshold	<i>NE</i>
Boiling Point	<i>&gt; 300°C</i>
Drop Point	<i>&gt; 160°C</i>
Pour Point	<i>NA</i>
Flammability	<i>NE</i>
Auto Flammability	<i>NE</i>
Explosive Properties	<i>NA</i>
Oxidising Properties	<i>NA</i>
Evaporation Rate	<i>NE</i>
Solubility in water	<i>Negligible</i>
NA - Not Applicable	NE - Not Established

### 10. STABILITY AND REACTIVITY

Stability (thermal, light, etc.)	<i>Stable</i>
Conditions to avoid	<i>Extreme Heat</i>
Incompatibility (materials to avoid )	<i>Strong Oxidisers.</i>
Hazardous decomposition products	<i>Carbon monoxide, Elemental oxides. Metal oxides.</i>
Hazardous polymerization	<i>Will not occur.</i>

### 11. TOXICOLOGICAL INFORMATION

The toxicological information has been taken from product of similar composition.

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Acute Toxicity                      *Low order of acute toxicity.*  
LD50 (Dermal, Rabbit) -   > 3000 mg / Kg (Literature Data)  
LD50 (Oral, Rat)                -   > 2000 mg / Kg (Literature Data).

## 12.      ECOLOGICAL INFORMATION

Mobility                              *The product is insoluble in water. The product is poorly absorbed onto soils or sediments.*  
Persistence/Degradability      *The product is expected to be resistant to biodegradation.*  
Bio-accumulation                  *Product is not expected to bio accumulate.*

## 13.      DISPOSAL CONSIDERATIONS

Waste disposal                :      *Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration. The product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.*

## 14.      TRANSPORT INFORMATION

*Not hazardous. No hazardous cargo formalities to be initiated.  
To be transported in covered vehicles only.*

## 15.      REGULATORY INFORMATION

*This product does not require hazard warning label as per applicable national regulations.*

## 16.      ADDITIONAL INFORMATION

*No additional information.*

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