

## MATERIAL SAFETY DATA SHEET

**1. Identification of Substance :**Product Name : **Mould Lubricant**Trade Name : *Chakrol* Mould Releasing Lubricant

Manufacturer's Name : M/s Sri Rama Lubricants.

Emergency Telephone Numbers: +91 413 2611518  
+91 44 2433 2902.

Chemical Family: Natural Mineral Oil based Lubricant.

Product Appearance & Odour: Amber Liquid with  
Typical Petroleum Odour.

Address: 153/5/2, Manapet Road, Kanniakoil

Pondicherry 607 402,

email id: qcchakrol@chakrol.com

CAS Number ( Finished Product ) : **MIXTURE OF MINERAL OIL  
AND VEGETABLE OIL** . CAS Number Not Applicable.**HAZARD MATERIALS IDENTIFICATION SYSTEM (HMIS)**

Health : 1, Flammability : 1, Reactivity : 0

**Hazard Rating** : Least : 0, Slight : 1., Moderate 2., High : 3., Extreme : 4.**2. Composition & Data on Components :**

Components	CAS No. of Components	Approximate Concentration
1. Lubrication Oil Base Stock	8012 – 95 – 1	N/A Proprietary Mixture.
2. Rape Seed Oil	8002 – 13 – 9	N/A Proprietary Mixture.

**3. Hazards identification :**

Hazards designation

**ACUTE EFFECTS:****HEALTH HAZARDS, GENERAL** : No specific health hazard noted.**CHRONIC EFFECTS:****SENSITIZATION** : No known information.**CARCINOGENICITY : IARC:** Not listed ; **OSHA :** Not Regulated ; **NTP:** Not Listed

**HEALTH WARNINGS :**

INHALATION	:	Oil mist can irritate airways and lungs
SKIN CONTACT	:	Repeated or prolonged contact can result in drying of the skin.
EYE CONTACT	:	Irritating.
INGESTION	:	Can cause stomach ache and Vomiting.

**ROUTE OF ENTRY** : Inhalation ; Skin and / or eye contact ; Ingestion.**4. First aid measures :**

General information : a. Change clothes and shoes contaminated or soaked by the product.  
b. Never put rags contaminated by the product into cloth-pockets.

After inhalation : Provide fresh air, consult a doctor in case of symptoms.  
(Eventually by inhaling the overheated product)

After Skin contact : The product is not skin irritating.

After Eye contact : Rinse opened eye for several minutes under running water.

After swallowing : In case of persistent symptoms consult doctor.

**5. Fire Fighting measures:**Suitable extinguishing agents: CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. Use fire-fighting measures that suit the environment. For safety reasons, water is unsuitable extinguishing agent.

Protective equipment : In case of fire fighting, wear self-containing breathing apparatus.

**6. Accidental release measures:**

Person related safety precautions : Particular danger of slipping on leaked / spilled product.

Measures for environmental protection : Do not allow to enter drainage system, surface or ground water. Prevent from spreading (e.g. by damming-in or oil barriers). Do not allow to enter the ground / soil.

Measures for cleaning / collecting : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, saw dust)  
.Dispose of the material collected according to regulations.

Additional information : No dangerous materials are released.

**7. Handling and Storage:**

Store in clearly marked containers under cover at maximum temperature of 40°C.

Keep away from food and drink.

Local regulations concerning handling and storage of water polluting products have to be followed.

**8. Exposure control / Personal Protection:**

Eyes : Safety goggles or face shield recommended where operations may cause splash into eyes.

Skin : The use of gloves or suitable barrier creams is recommended where prolonged and repeated contact with the product is inevitable.



Industrial Hygiene : Good working practices and personal hygiene standards should be maintained at all times .

- a. Wash hands after use and always before eating, drinking, smoking and before using the toilet.
- b. Change heavily contaminated clothing as soon as reasonably practicable.
- c. Wash any contaminated underlying skin with soap and water.

**9. Physical and chemical properties:**

Form	:	Liquid
Colour	:	Amber Liquid
Flash Point	:	>265 °C ASTM D 92
Self-inflammability	:	Product is not self-igniting
Danger of explosion	:	Product is not explosive
Solubility in / Miscibility with water	:	Not miscible or difficult to mix
Density	:	0.880-0.885 ASTM D 1298
K. Viscosity @ 40 °C	:	54-59 cst ASTM D 445

**10. Stability and reactivity:**

Thermal decomposition / conditions to be avoided : No decomposition if used according to specifications.

Dangerous reactions : No dangerous reactions known.

Dangerous products of composition : No dangerous decomposition products known.

**11. Toxicological information:**

Mild toxicity.

Primary irritant effect

on the skin : No irritant effect known

on the eye : No irritant effect known

Sensitization : No sensitizing effect known

Additional toxicological information :

The product is now subject to classification according to the calculation method of the General EU Classification

Guidelines for Preparations as issued in the latest version :When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**12. Ecological information:**

Behavior in environmental systems : No data available

Mobility and bioaccumulation potential : No data available.

Ecotoxic effects : No data available.

Behavior in sewage processing plant :

The products floats in the sewage water on account of its low specific gravity, eventually it is able to pass the conventional collector for light-density material.

**13. Disposal consideration:**

Products : Small Quantities.

Recommendation

Smaller quantities have to be disposed in line with local legislation.

Un-cleaned packaging :

Recommendation

Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning.

Small one-way packaging have to be disposed accordingly as per prevailing local regulations.

**14. Transport information:**

Not classified

**15. Regulatory information:**

Designation according to EU guidelines :

Observe the normal safety regulations when handling chemicals or mineral oil products.

National Regulations : Not applicable

**16. Other information:**

**NFPA HAZARD RATING**

**HEALTH** : Irritation, minor residual injury (1)

**FLAMMABILITY** : Burns only if pre- heated (1)

**REACTIVITY** : N/A (0)