

**Indu-Tek Red Star EP 2**

(Part Number: ML-60113)

**1. IDENTIFICATION OF THE SUBSTANCE/ USE/ COMPANY DETAILS**

**Trade Name:** Indu-Tek Red Star EP 2  
**Company Identification:** Mako-lube Limited  
Units 2 & 3 Mayfield Industrial Estate  
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[info@mako-lube.com](mailto:info@mako-lube.com)  
**Type of product:** Grease  
**Use:** Lubricant

**2. HAZARDS IDENTIFICATION**

**Classification under CLP:** Aquatic Chronic 3: H412; Eye Irrit. 2: H319

**Most important adverse effects:** Causes serious eye irritation. Harmful to aquatic life with long lasting effects

**Label elements:**

**Hazard statements:** H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.



**Hazard pictograms:** GHS07: Exclamation mark

**Signal words:** Warning

**Precautionary statements:** P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice/attention

P501: Dispose of contents/container to hazardous or special waste collection point

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous Ingredients

Zinc Dialkyldithiophosphate 2.5 % CAS No 68649-42-3



Xi, N:R36, R51/5

### 4. FIRST AID MEASURES

Inhalation	Use in a well ventilated area.
Skin Contact	Wash skin thoroughly with mild soap and water. If grease has been injected under the skin, seek medical attention immediately
Eye Contact	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
Ingestion	Do not induce vomiting. Obtain medical attention

### 5. FIRE FIGHTING MEASURES

Prevention	Do not expose to naked flames or fire. No smoking.
Extinguishing Media	Foam, Powder, Sand, dry chemical, carbon dioxide
Surrounding Fires	Use water spray to cool containers
Specific Hazards	Under fire conditions, hazardous fumes will be present
Protection for Fire-Fighters	Do not enter fire area without Proper Protective Equipment, including respiratory equipment.
Special procedures	Exercise caution when entering any lubricant or chemical fire.

### 6. ACCIDENTAL RELEASE MEASURES

General Precautions	May be slippery if spilled. Remove from ignition sources. Do not breathe fumes or vapours from decomposition.
Personal Precautions	Avoid contact with skin and eyes. No Smoking. Clean up crews should wear proper protective equipment.
Environmental Precautions	Prevent entry to sewers and public water ways. Notify authorities if product enters sewers or public waters
Clean up methods	Collect spill and put in appropriate container.

### 7. HANDLING AND STORAGE

GENERAL	Ensure there is adequate ventilation. Avoid all unnecessary exposure to naked flames or potential fire risks. No Smoking.
STORAGE	Store in tightly sealed containers, away from heat, sparks, open flames. Store in cool, dry well ventilated areas.
HANDLING	Ensure prompt removal from eyes, skin, clothing. Wash hands and other exposed areas with mild soap and water before you eat, drink or smoke, leave work. Keep away from food, drink. Keep out of reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTION

<b>Respiratory Protection</b>	No special respiratory protection equipment is recommended under normal conditions of use.
<b>Hand Protection</b>	Wear Barrier Cream, if repeated or prolonged contact wear protective clothes
<b>Skin Protection</b>	In the case of possible repeated skin contact wear protective clothing
<b>Eye Protection</b>	Eye protection is only necessary where product could be splashed or sprayed
<b>Ingestion</b>	When using do not eat, drink or smoke

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state at 20°C</b>	Adhesive smooth grease
<b>Colour</b>	Red sparkle
<b>Odour</b>	odourless
<b>Melting point</b>	>200°C
<b>Density</b>	0.95
<b>Solubility in Water (vol/vol)</b>	Material insoluble in water
<b>Auto flammability</b>	>200°C
<b>Flash Point</b>	> 200°C

## 10. STABILITY AND REACTIVITY

<b>Hazardous decomposition products</b>	Combustion will generate smoke, carbon monoxide, carbon dioxide
<b>Hazardous reactions</b>	None under normal conditions.
<b>Hazardous properties</b>	None under normal conditions.
<b>Materials to avoid</b>	Strong oxidizing agents.
<b>Conditions to avoid</b>	Naked flames, fires.

## 11. TOXICOLOGICAL INFORMATION

### Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

### Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Skin corrosion/irritation	-	No hazard: calculated
Respiratory/skin sensitisation	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated

Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

## 12. ECOLOGICAL INFORMATION

<b>On Product</b>	Non Volatile. This product is poorly absorbed into soil or sediments. Prevent entry to sewers and public water ways.
<b>Ecological Effects</b>	Not soluble in water, so only minimally bio-degradable
<b>Bio-accumulation</b>	Product is not expected to bio-accumulate

## 13. DISPOSAL CONSIDERATIONS

<b>General</b>	Dispose of in a safe manner in accordance with local/national regulations
<b>Disposal method</b>	In accordance with local/national regulations may be taken to waste disposal site.
<b>Disposal of used packaging</b>	Use a licensed waste disposal contractor.

## 14. TRANSPORT INFORMATION

<b>General Information</b>	Not classified including: UN Class, ADR RID Class, IMDG Class, IATA Class
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## 15. REGULATORY INFORMATION

<b>Symbol(s)</b>	None
<b>R Phrase(s)</b>	None
<b>S Phrase(s)</b>	None

## 16. OTHER INFORMATION

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H312: Harmful in contact with skin. H315: Causes skin irritation.  
H318: Causes serious eye damage. H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.

The contents and format are in accordance with the following directives:

EC Directive 91/155/EEC defining the laying down and detailing of specific information relating to Dangerous Preparations Directive – 2001/58/EC.

EC Directive 88/379/EEC relating to the classification, packaging and labeling of dangerous preparations.

**DISCLAIMER OF LIABILITY:**

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user. The conditions of handling, storage, use or disposal of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim any liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This MSDS was prepared solely for the product stated and should not be used for any other product.

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