



MATERIAL SAFETY DATA SHEET

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Revised Edition No. 1
Date: 09/07/2012
Supersedes: N/A

Indu-Tek Rust-Guard

1. IDENTIFICATION OF THE SUBSTANCE/ USE/ COMPANY DETAILS

Trade Name: Indu-Tek Rust Guard
Company Identification: Mako-lube Limited
Units 2 & 3 Mayfield Industrial Estate
Liverpool Road
Irlam
Manchester, M44 6GD
Tel: +44(0)161 777 9970
Fax: +44(0)161 777 9980
info@mako-lube.com
Type of product: Fluid
Use: Corrosion Protection

2. HAZARDS IDENTIFICATION

Hazard Designation: R10: Flammable, R65: Harmful, may cause lung damage if swallowed
R66: Repeated exposure may cause skin dryness or cracking.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product is not considered to be hazardous but contains hazardous components.

| Substance name | Contents | EC No. | CAS No | Index | Classification |
|-----------------------|------------|-----------|------------|-------|----------------|
| Petroleum Distillate: | < 60 - 90% | 265-150-3 | 64742-48-9 | F | R10, R65, R66 |
| Diacetone Alcohol: | < 1 % | 204-626-7 | 123-42-2 | F | R10, R36 |
| Calcium Sulphonates | < 1-5 % | 298-637-4 | 93820-57-6 | Xi | R36/38 |
| Oxidised Petrolatum | < 1-5 % | 265-206-7 | 64743-01-7 | Xi | R36 |

4. FIRST AID MEASURES

Immediate Medical attention is required

Inhalation Use in a well ventilated area. Remove patient to fresh air, allow patient to rest
Skin Contact Remove contaminated clothing. Wash skin thoroughly with mild soap and water.
Eye Contact Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
Ingestion Water to drink and rinse may be beneficial. Aspiration Hazard. May cause rapid absorption via lungs, resulting in injury to other body systems. Do not induce vomiting without medical advice

5. FIRE FIGHTING MEASURES

Prevention Do not expose to naked flames or fire. No smoking.
Extinguishing Media Foam, Powder, Sand, water fog, Co2
Unsuitable extinguishing media Water and water jet
Surrounding Fires Use water spray to cool containers
Specific Hazards **Classed as flammable**, Under fire conditions, hazardous fumes may 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

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| General Precautions | May be slippery if spilled. Remove from ignition sources. Do not breathe fumes or vapours from decomposition. Wash down any spillage area |
| 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 | Absorb into dry earth or sand. Transfer into appropriate container. |

7. HANDLING AND STORAGE

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|-----------------|---|
| 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 mild steel, stainless steel or polyethylene containers. Store between 10 - 35 °c |
| 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

Exposure limit values:

| Ingredient Name | 8hr TWA | 15min STEL |
|---|---------|------------|
| Naptha (petroleum) hydrotreated heavy WEL | 5mg/m3 | 10mg/m3 |

| | |
|-------------------------------|---|
| Respiratory Protection | Unlikely to be necessary. Where excessive vapour may result, wear approved mask |
| Hand Protection | Wear Barrier Cream, if repeated or prolonged contact, wear protective clothes |
| Skin Protection | Wear protective clothing. Remove contaminated clothing and wash with soap and water |
| Eye Protection | Eye protection is only necessary where product could be splashed or sprayed |
| Ingestion | When using do not eat, drink or smoke |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------------|-----------------------------|
| Physical state at 20°C | Fluid |
| Colour | Dark Amber |
| Odour | Solvent |
| Flammability | Flammable |
| Specific Gravity | 0.82 |
| Solubility in Water (vol/vol) | Material insoluble in water |
| Flash Point | >43°C |
| Auto Ignition Point | 400°C |
| Freezing Point | <0°C |

10. STABILITY AND REACTIVITY

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|---|--|
| Hazardous decomposition products | Combustion will generate smoke, carbon monoxide, carbon dioxide and unidentified organic and inorganic compounds, some of which may be toxic |
| Hazardous reactions | None under normal conditions |
| Hazardous properties | None under normal conditions |
| Materials to avoid | Strong oxidizing agents |
| Conditions to avoid | Naked flames, fires, sparks, hot surfaces |

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------|--|
| Inhalation | Excessive exposure to mists caused by atomising systems may cause irritation to respiratory tract. |
| Dermal | Repeated or prolonged exposure may have a defatting effect or cause dermatitis. May cause skin irritation |
| Ocular | Contact with the eyes is likely to be irritating. |
| Ingestion | Aspiration Hazard. May cause lung damage if material gets into lungs after swallowing, breathing vapour/spray or vomiting swallowed material. Swallowing of small amounts is not likely to cause serious discomfort. If swallowed in larger quantities, may cause vomiting and diarrhoea |

12. ECOLOGICAL INFORMATION

| | |
|---------------------------|--|
| Mobility | Prevent entry to sewers and public water ways. |
| Ecological Effects | There is no data available on the product itself. Product is expected to be harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment |
| Bio-accumulation | Product is not expected to bio-accumulate |

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

General Information



UN Label

Land Transport ADR/RID:

| | |
|---------------------------------|----------------------------|
| UN No: | 1268 |
| Class: | 3 |
| Proper Shipping Name: | Petroleum Distillates, NOS |
| Packing Group: | III |
| HI No: | 30 |
| ADR Classification Code: | F1 |
| Limited Quantities Code: | LQ7 |
| Tunnel Restriction Code: | (D/E) |

Maritime Transport IMDG:

| | |
|------------------------------|---------------------------|
| UN No: | 1268 |
| Class: | 3 |
| Proper Shipping Name: | Petroleum Distillates NOS |
| Packing Group: | III |
| Marine Pollutant: | No |
| EmS No: | F-E, S-E |

15. REGULATORY INFORMATION



Hazard Symbol

F Flammable
Xn Harmful

Risk Phrases: R10: Flammable
R65: Harmful: may cause lung damage if swallowed
R66: Repeated exposure may cause skin dryness or cracking

Safety Phrases: S16: Keep away from sources of ignition – no smoking
S24/25: Avoid contact with skin and eyes
S37: wear suitable gloves
S43: In case of fire use foam, dry powder, sand, fine water spray
S62: If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label

National Regulations:

Regulations which may apply in event of accident:

Control of Major Accident Hazards (COMAH)

Critical quantity values according to the regulations on accidents should be adhered to.

16. OTHER INFORMATION

Do not mix with other chemicals

Product Use: For Industrial use only. Lubricant

Risk Phrases in full R10: Flammable
R36: Irritating to the eyes
R36/38: Irritating to eyes & skin
R65: Harmful: may cause lung damage if swallowed
R66: Repeated Exposure may cause skin dryness or cracking

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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