



MATERIAL SAFETY DATA SHEET

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Indu-Tek Valve Lubricant GRS6

1. IDENTIFICATION OF THE SUBSTANCE/ USE/ COMPANY DETAILS

Trade Name: Indu-Tek Valve Lubricant GRS6
Company Identification: Mako-lube Limited
Units 2 & 3 Mayfield Industrial Estate
Liverpool Road
Irlam
Manchester, M44 6GD
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info@mako-lube.com
Type of product: Grease
Use: Lubricant

2. HAZARDS IDENTIFICATION

Not regarded as a health or Environmental Hazard under current legislation

Classification (1999/45) Not classified

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

Substance name	Contents	CAS No	EC No	Classification
Amines, C11-14 branched Alkyl, monohexyl And dihexyl phoshates	< 1-10%	80939-62-4	279-32-6	Xi,R36/38: N;R51/53
Diethanolamine	< 1%	111-42-2	203-868-0	Xn;R22,R48/22 XiR38,R41
Proprietary ingredient	< 1%	55965-84-9		R43

4. FIRST AID MEASURES

Inhalation Use in a well ventilated area. Move the affected person to fresh air
Skin Contact 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 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
- Unsuitable extinguishing media	Do not use heavy water stream
Surrounding Fires	Use water spray to cool containers
Specific Hazards	Under fire conditions, Carbon dioxide (CO ₂), Carbon monoxide (CO) 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.
Personal Precautions	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. Dispose according to local and national legislation

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 dry well ventilated areas at temps between 0°C & 50°C. Keep away from food, drink and animal feed. Keep away from combustible materials.
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. Do not breathe gas, fumes, vapour or spray. Wear gloves

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION

Respiratory Protection	No special respiratory protection equipment is recommended under normal conditions of use. Where excessive vapour may be present, wear approved mask.
Hand Protection	Wear Barrier Cream, if repeated or prolonged contact wear protective gloves
Skin Protection	In the case of possible repeated skin contact wear protective clothing
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	Grease
Colour	Black
Odour	characteristic
Density	1.30 @ 20°C
Flash Point	> 230°C

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Inhalation	Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation. When heated, material emits highly irritating vapours, affecting the eyes. Do not breathe the fumes, gas or vapour. Harmful by inhalation
Dermal	Repeated or prolonged exposure may cause irritation.
Ocular	Slight eye irritant.
Ingestion	Must not come into contact with food or be consumed. Cramps. Breathing difficulties. May cause abdominal pain, nausea, dizziness, vomiting, weakness

12. ECOLOGICAL INFORMATION

On Product	Prevent entry to sewers and public water ways.
Ecological Effects	Not regarded as dangerous for the Environment

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

General Information	Not classified including: UN Class, ADR RID Class, IMDG Class, IATA Class
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15. REGULATORY INFORMATION

R Phrase(s)	R20/22: Harmful by inhalation and if swallowed R36/38: Irritating to eyes & skin R41: Risk of serious damage to eyes R43: May cause sensitisation by skin contact R48/22: Harmful: danger of serious damage to health if swallowed R51/3 Toxic to aquatic organisms, may cause long term adverse effects in aquatic environment
S Phrase(s)	S37: Wear suitable gloves. S38: In case of insufficient ventilation, wear suitable respiratory equipment. S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. S51: Use only in well-ventilated areas

16. OTHER INFORMATION

Product Use: For Industrial use only. Lubricant

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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