

## Indu-Tek Bariplex HV2

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

**Trade Name:** Indu-Tek Bariplex HV2  
**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](mailto:info@mako-lube.com)  
**Type of product:** Grease  
**Use:** Lubricant

### 2. HAZARDS IDENTIFICATION

**Risk Phrases:** Harmful by inhalation and if swallowed.  
**Symptoms relating to use**  
**Skin contact:** Repeated or prolonged skin contact may cause irritation. Dermatitis.  
**Eye contact:** Slight eye irritant upon direct contact.  
**Ingestion:** Must not come into contact with food or be consumed. Cramps. Breathing difficulties. May cause abdominal pain, nausea, dizziness, vomiting, weakness

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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

Substance name	Contents	CAS No	EC No	Index No	Classification
Barium salts with the exception of Barium Sulphate	< 12%	--	--	056-002-00-7	Xn; R20 / 22
N-phenyl benzolamine's by-product	< 1%	--	--	--	R52-53
Amine phosphate:	< 1%				Xi; R36/38 N; R51-53

### 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

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

## 6. ACCIDENTAL RELEASE MEASURES

<b>General Precautions</b>	May be slippery if spilled. Remove from ignition sources.
<b>Personal Precautions</b>	No Smoking. Clean up crews should wear proper protective equipment.
<b>Environmental Precautions</b>	Prevent entry to sewers and public water ways. Notify authorities if product enters sewers or public waters. This product contains hazardous components for the aquatic environment
<b>Clean up methods</b>	Collect spill and put in appropriate container. Dispose according to local and national legislation

## 7. HANDLING AND STORAGE

<b>GENERAL</b>	Ensure there is adequate ventilation. Avoid all unnecessary exposure to naked flames or potential fire risks. No Smoking.
<b>STORAGE</b>	Store in tightly sealed containers, away from heat, sparks, open flames. Store in cool, dry well ventilated areas. Keep away from food, drink and animal feed. Keep away from combustible materials.
<b>HANDLING</b>	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

<b>Respiratory Protection</b>	No special respiratory protection equipment is recommended under normal conditions of use. Where excessive vapour may be present, wear approved mask.
<b>Hand Protection</b>	Wear Barrier Cream, if repeated or prolonged contact wear protective gloves
<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>	Grease
<b>Colour</b>	beige
<b>Odour</b>	characteristic
<b>Melting point</b>	>260°C
<b>Density</b>	0.95
<b>Solubility in Water (vol/vol)</b>	Material insoluble in water
<b>Flash Point</b>	> 200°C
<b>Auto-ignition temperature</b>	>240°C

## 10. STABILITY AND REACTIVITY

<b>Hazardous decomposition products</b>	Combustion will generate smoke, carbon monoxide, carbon dioxide, toxic vapours
<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

<b>Inhalation</b>	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
<b>Dermal</b>	Repeated or prolonged exposure may cause irritation.
<b>Ocular</b>	Slight eye irritant.
<b>Ingestion</b>	Must not come into contact with food or be consumed. Cramps. Breathing difficulties. May cause abdominal pain, nausea, dizziness, vomiting, weakness

## 12. ECOLOGICAL INFORMATION

<b>On Product</b>	Prevent entry to sewers and public water ways.
<b>Ecological Effects</b>	Not soluble in water, so only minimally bio-degradable. This product contains hazardous components for the aquatic environment
<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>Industrial Waste Number</b>	13 02 02
<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
----------------------------	---

## 15. REGULATORY INFORMATION

<b>Symbol(s)</b>	Harmful (Xn)
------------------	--------------



<b>R Phrase(s)</b>	R20/22: Harmful by inhalation and if swallowed
<b>S Phrase(s)</b>	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.

END OF DOCUMENT.