

**MATERIAL SAFETY DATA SHEET
(HYDRONOX OIL HLP-32)**

1. PRODUCT AND COMPANY DETAIL:-

PRODUCT NAME : HYDRONOX OIL HLP-32

PRODUCT TYPE : ANTIWEAR HYDRAULIC OIL

COMPANY NAME : K.B. LUBES PVT. LTD

CONTACT NO. : 020- 27641110 / 08552981455

2. INFORMATION ON INGREDIENTS:-

CHEMICAL NAME AND SYNONYMS: - PETROLEUM HYDROCARBON AND ADDITIVES

3. HAZARDS IDENTIFICATION:-

UNDER NORMAL CONDITONS OF USE , THIS PRODUCT IS NOT CONSIDERED HAZARDOUS.

EMERGENCY OVERVIEW:

AMBER LIQUID , PRESSURIZED MISTS MAY FORM FLAMMABLE MIXTURE.

POTENTIAL HEALTH EFFECTS :

UNDER NORMAL CONDITIONS OF INTENDED USE, THESE PRODUCTS DO NOT POSE ANY RISK TO HEALTH. EXCESSIVE EXPOSURE MAY RESULT IN EYE , SKIN OR RESPIRATORY IRRITATION.

4 FIRST AID MEASURES:

EYE CONTACT : FLUSH THOROUGHLY WITH WATER, IF IRRITATION OCCURS CONTACT A PHYSICIAN.

SKIN CONTACT : WASH CONTACT AREAS WITH SOAP AND WATER.

INJECTION : NORMALLY DOES NOT CAUSE ANY PROBLEM BUT IF DISCOMFORT OCCURS CONTACT A PHYSICIAN.

INHALATION : DOES NOT CAUSE ANY PROBLEM BUT IN CASE OF DISCOMFORT CONTACT A DOCTOR.



5 FIRE FIGHTING MEASURES:-

EXTINGUISHING MEDIA : CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER LOG.

6 HANDLING AND STORAGE:-

STORAGE : KEEP CONTAINERS CLOSED WHEN NOT IN USE.DO NOT STORE IN OPEN OR UNLABELLED AREA.STORE AWAY FROM STRONG OXIDIZING AGENTS AND COMBUSTIBLE MATERIALS.

HANDLING : USE HAND GLOVES AND SAFETY GOGGLE WHILE USING THESE MATERIALS.

7 PHYSICAL AND CHEMICAL PROPERTIES:-

TYPICAL PHYSICAL PROPERTIES ARE GIVEN BELOW.

APPEARANCE : BRIGHT AND CLEAR

COLOUR : AMBER

ODO : MILD

Ph : NA

FLASH POINT, degC. : 200 min.

POUR POINT, degC. ; -6

8 STABILITY AND REACTIVITY:-

THERMAL STABILITY ; STABLE

COLD STABILITY : STABLE

HAZARDOUS DECOMPOSITION PRODUCTS : THESE PRODUCTS DONOT DECOMPOSE AT AMBIENT TEMPERATURE.

HAZARDOUS POLYMERIZATION : WILL NOT OCCUR.

KB lubes Pvt. ltd.

**Plot No. H18, La Regaliya complex opposite Akurdi Railway station, Pune-411044,
Maharashtra, India. Contact: 020-27641110/ 08552981455,
customercare@lubrinox.com/www.lubrinox.com**



MATERIAL SAFETY DATA SHEET

1. Identification Of Product & Company:

Trade Name : HYDRONOX HLP-46
Use : HYDRAULIC OIL
Company Name : K.B. LUBES PVT. LTD.
Address : Plot no.D-96, Village-Bhamboli
Phase-II, Chakan MIDC,
Pune-410501
Ph. No. : 020 27641110
Emergency No. : As above

2. Information on Composition

Contains petroleum base oils and proprietary performance additives. This product is not considered to be hazardous and does not contain hazardous components.

3. Hazard Identification

Main hazards: Not classified as a dangerous preparation according to 1999/45/EC.

Adverse human health : None under normal conditions.

Effects

Environmental hazards: No specific risk for the environment.

4. First Aid Measures

Inhalation: Assure fresh air breathing. Obtain medical attention if breathing difficulty persists.

Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water followed by warm water rinse. Seek medical attention if irritation develops.

Eye contact: Rinse immediately with plenty of water. Seek medical attention if irritation develops.

Ingestion: Do not induce vomiting. Seek medical attention immediately.

Note to physician: If there is any suspicion of aspiration into the lungs either directly or as a result of vomiting, obtain medical advice.

5. Fire - fighting measures

Suitable extinguishers: Water fog, Carbon dioxide, Dry chemical, Foam, Sand.

Extinguishers not to be used : Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures: None Identified

6. Accidental release measures

Personal precautions : Keep public away from danger area. Wear recommended personal protective equipment. Equipment clean-up crew with proper protection.

Environmental : Prevent entry to sewers and public waters. Notify authorities if precautions liquid enters sewers or public waters.

After spillage and/or : Clean up any spills as soon as possible, using an absorbent leakage material to collect it.

Collect spills and put it into appropriated container. Use suitable disposal containers.

7. Handling and storage

General: No naked lights. No smoking. Keep away from sources of ignition.

Precautions in handling: Handle in accordance with good industrial hygiene and safety and storage procedures.

Storage: Keep container closed when not in use. Keep only in the original container in a cool, well ventilated place. Keep at temperature not exceeding 45°C.

Handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. Exposure controls / personal protection

Personal protection

- Respiratory protection: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Hand protection: Use neoprene or rubber gloves.
- Skin protection : No special clothing/skin protection equipment is recommended under normal conditions of use.

- Eye protection : Safety glasses.

Industrial hygiene: Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. When using, do not eat, drink or smoke. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

9. Physical and chemical properties

Physical state: Liquid

Colour: Natural

Odour: Typical petroleum odour

Kinematic Viscosity at 40°C, cSt: 46

Flash point, COC,°C : 218 min.

10. Stability and reactivity

Physico-chemical stability: Stable.

Conditions to avoid: Open flame, sparks, overheating.

Materials to avoid: Oxidizing agents. Strong acids, bases.

Hazardous decomposition products: Carbon dioxide, carbon monoxide, hydrogen sulfide.

Hazardous reactions: None under normal conditions.

Hazardous Polymerization: Will not occur.

11. Toxicological information

Acute toxicity: Not expected to be toxic.

- Inhalation : Practically Non Toxic
- Dermal : Not expected to be a primary skin irritant.
- Ingestion : Practically Non Toxic

Eyes irritation (rabbit) : Non Irritating

Chronic toxicity: Not expected to be toxic.

Sensitization : No sensitization effects known.

Mutagenic it : Not expected to be a mutagenic hazard

12. Ecological information

Ecological effects: No specific risk for the environment.

13. Disposal considerations

Disposal: Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

General information: Not regulated.

UN No. : Not regulated

ADR/RID : Not regulated.

IMO-IMDG code : Not regulated.

ICAO/IATA : Not regulated.

15. Regulatory information

Symbol(s): None.

R Phrase(s): None.

S Phrase(s): None.

16. Other information

Product information: For specific or detailed technical data for this product, please contact on the no. given.



MATERIAL SAFETY DATA SHEET

1. Identification Of Product & Company:

Trade Name : HYDRONOX HLP-68
Use : HYDRAULIC OIL
Company Name : K.B. LUBES PVT. LTD.
Address : Plot no.D-96, Village-Bhamboli
Phase-II, Chakan MIDC,
Pune-410501
Ph. No. : 020 27641110
Emergency No. : As above

2. Information on Composition

Contains petroleum base oils and proprietary performance additives. This product is not considered to be hazardous and does not contain hazardous components.

3. Hazard Identification

Main hazards: Not classified as a dangerous preparation according to 1999/45/EC.

Adverse human health : None under normal conditions.

Effects

Environmental hazards: No specific risk for the environment.

4. First Aid Measures

Inhalation: Assure fresh air breathing. Obtain medical attention if breathing difficulty persists.

Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water followed by warm water rinse. Seek medical attention if irritation develops.

Eye contact: Rinse immediately with plenty of water. Seek medical attention if irritation develops.

Ingestion: Do not induce vomiting. Seek medical attention immediately.

Note to physician: If there is any suspicion of aspiration into the lungs either directly or as a result of vomiting, obtain medical advice.

5. Fire - fighting measures

Suitable extinguishers: Water fog, Carbon dioxide, Dry chemical, Foam, Sand.

Extinguishers not to be used : Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures: None Identified

6. Accidental release measures

Personal precautions : Keep public away from danger area. Wear recommended personal protective equipment. Equipment clean-up crew with proper protection.

Environmental : Prevent entry to sewers and public waters. Notify authorities if precautions liquid enters sewers or public waters.

After spillage and/or : Clean up any spills as soon as possible, using an absorbent leakage material to collect it.

Collect spills and put it into appropriated container. Use suitable disposal containers.

7. Handling and storage

General: No naked lights. No smoking. Keep away from sources of ignition.

Precautions in handling: Handle in accordance with good industrial hygiene and safety and storage procedures.

Storage: Keep container closed when not in use. Keep only in the original container in a cool, well ventilated place. Keep at temperature not exceeding 45°C.

Handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. Exposure controls / personal protection

Personal protection

- Respiratory protection: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Hand protection: Use neoprene or rubber gloves.
- Skin protection : No special clothing/skin protection equipment is recommended under normal conditions of use.

- Eye protection : Safety glasses.

Industrial hygiene: Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. When using, do not eat, drink or smoke. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

9. Physical and chemical properties

Physical state: Liquid

Colour: Natural

Odour: Typical petroleum odour

Kinematic Viscosity at 40°C, cSt: 68

Flash point, COC,°C : 220 min.

10. Stability and reactivity

Physico-chemical stability: Stable.

Conditions to avoid: Open flame, sparks, overheating.

Materials to avoid: Oxidizing agents. Strong acids, bases.

Hazardous decomposition products: Carbon dioxide, carbon monoxide, hydrogen sulfide.

Hazardous reactions: None under normal conditions.

Hazardous Polymerization: Will not occur.

11. Toxicological information

Acute toxicity: Not expected to be toxic.

- Inhalation : Practically Non Toxic
- Dermal : Not expected to be a primary skin irritant.
- Ingestion : Practically Non Toxic

Eyes irritation (rabbit) : Non Irritating

Chronic toxicity: Not expected to be toxic.

Sensitization : No sensitization effects known.

Mutagenic it : Not expected to be a mutagenic hazard

12. Ecological information

Ecological effects: No specific risk for the environment.

13. Disposal considerations

Disposal: Dispose in a safe manner in accordance with local/national regulations.

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15. Regulatory information

Symbol(s): None.

R Phrase(s): None.

S Phrase(s): None.

16. Other information

Product information: For specific or detailed technical data for this product, please contact on the no. given.