



MATERIAL SAFETY DATA SHEET

1. Identification Of Product & Company:

Trade Name : TURBONOX-46
Use : TURBINE OIL
Company Name : K.B. LUBES PVT. LTD.
Address : Plot no.D-96, Village-Bhamboli
Phase-II, Chakan MIDC,
Pune-410501
Ph. No. : +91 8552981455
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 : 214 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 : TURBONOX-68
Use : TURBINE OIL
Company Name : K.B. LUBES PVT. LTD.
Address : Plot no.D-96, Village-Bhamboli
Phase-II, Chakan MIDC,
Pune-410501
Ph. No. : +91 8552981455
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 : 214 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.

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