



MSDS

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Name : Light Diesel Oil

Chemical Formula : Complex mixture of hydrocarbons

ITEM:LDO

GENERAL USE:FUEL

TRADERS NAME:SHYAM OIL AND CHEMECAL COMPANY

Address :1/54 KUMARPUR SURYASEN PARK ASANSOL OPP MONOJ CINEMA HALLPASCHIM BARDHAMAN WEST BENGAL - 713304.

GSTIN/UIN:-ARDPD9675N1Z1 / ISO-9001:2015-CERTIFICATE NUMBER – AQC2103304

CONTACT NUMBER :-9333122383/8250846076

2. COMPOSITION / INFORMATION ON INGREDIENTS

Composition : Complex mixture of hydrocarbons

3. HAZARDS IDENTIFICATION

Primary Entry Routes : Ingestion, inhalation, skin and eyes

Acute Effects : Inhalation can cause dizziness, headache and nausea, depresses central nervous system and has an anesthetic effect. Breathing of liquid droplets may lead to chemical pneumonia. Ingestion can lead to nausea, diarrhea and affect central nervous system. Skin irritant. Prolonged contact can result in skin drying and dermatitis. Eye irritant.

4. FIRST AID MEASURES

Eyes : Flush with water for 15 min. Get medical attention.

Skin : Wash with warm water & soap.

5. FIRE FIGHTING MEASURES

Flash Point Method : Pensky Marten

Auto ignition Temperature : 230 °C to 250 °C (highly variable)

Organic acidity : 0.5 %(MAX)

Ash content: 0.5%(MAX)

Flammability Classification : Flammable

Extinguishing Media : Foam, Dry Chemical Powder, CO2

Unusual Fire or Explosion : Heat produces vapours and can cause violent rupture of Hazards containers.

Hazardous Combustion Carbon di oxide, carbon mono oxide, benzene

Fire-Fighting Instructions : Small fires can be extinguished by hand held extinguishers. Major fires may require withdrawal and allowing the tank to burn. Fire fighters should wear self breathing apparatus while fighting fire.

6. Accidental Release Measures

Small Spills : Shut off leaks without risk. Absorb on sand or earth.

Containment : Prevent spillage from entering drains or water sources

Cleanup : After spills wash area with soap and water preventing runoff from entering drains.

7. Handling and Storage

Handling Precautions : Do not use/store near heat/open flame. Use gumboots, gloves while handling the product. Do not inhale. Stay upwind while handling the product. Product should never be used to remove oil or grease from skin. It should not be siphoned by mouth. It should be stored in closed containers away from heat & source of ignition. Avoid contact with skin and eyes. Wash thoroughly after handling

Storage Requirements : Do not use/store near heat/open flame/water/acids

8. Exposure Controls / Personal Protection

Respiratory Protection : Use respiratory

protection if ventilation is improper

Protective Clothing / Use face shield, PVC gloves, safety boots while handling.

Equipment : Contaminated clothing to be immediately removed.

9. Protection Physical and Chemical Properties

Physical State : Liquid

Appearance and Odour : Dark brownish liquid. Characteristic hydrocarbon like odour

Specific Gravity : 0.90-0.93(MAX)@30⁰C

Water Solubility : Insoluble

Boiling Point : 207-535 Deg C

10. Stability and reactivity

Stability : Chemically stable.

Chemical Incompatibilities : Incompatible with oxidizing agents & chlorine. Reacts vigorously with oxidizing materials.

Conditions to Avoid Hazardous Decomposition Carbon dioxide, carbon mono oxide.

11. Toxicological Information

Toxicity Data : NON-TOXIC

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