

OBLUBE 662

MATERIAL SAFETY DATA SHEET

1. SUBSTANCE / PREPARATION AND COMPANY NAME:

PRODUCT NAME: **OBLUBE 662 – PREMIUM HEAT TRANSFER OIL ISO VG 32, 46, 68, 100**
PRODUCT DESCRIPTION: HEAT TRANSFER OIL – MEDIUM FOR HEAT TRANSFER
PRODUCT CODE: OB662
ADDRESS / PHONE NUMBER :

ASSAWAYER TRADING CO. LTD.,
P. O. BOX : 11309
JUBAIL INDUSTRIAL CITY 31961
KINGDOM OF SAUDI ARABIA.
TEL. NO. ++966 (013) 341-2125
FAX NO. ++966 (013) 341-7209
WEB : www.assawayer.com
E-MAIL : info@assawayer.com



2. HAZARDS IDENTIFICATION

PRODUCTION DESCRIPTION: Proprietary Mixture of Petroleum Hydrocarbons and Performance Enhancing Additives

This product is not classified as a dangerous substance or mixture as per regulatory guidelines. (See Section 15)

PHYSICAL HAZARD – NA

HEALTH HAZARD – NA

ENVIRONMENTAL HAZARD – NE

CAS NO: NA

HAZARDOUS INGREDIENT: This material has no known hazardous component.

OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION: Prolonged or repeated skin contact without proper personal hygiene can block skin pores resulting in superficial skin disorders. Used oil may contain suspended and settled harmful impurities which can microscopically cut exposed skin and eyes and can cause irritation. Not classified as flammable but will burn.

3. COMPOSITION / INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION: This product is a blend of refined olefins and proprietary performance enhancing additive package.

The specific chemical names and composition of the components not disclosed is confidential business information and is withheld as permitted by 29CFR 1910.1200 and various Right-to-Know laws. All hazardous components are declared in Section 2.

4. FIRST AID MEASURES

Remove contaminated clothing.

EYES: Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately.

SKIN: Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

INHALATION: Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately.

INGESTION: Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Get medical attention if symptoms occur.

NOTE TO PHYSICIANS: Treat symptomatically.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Carbon dioxide foam, dry chemical foam, sand, earth.

UNSUITABLE EXTINGUISHING MEDIA: Do not use a solid water stream as it may scatter and spread fire.

SPECIAL FIRE FIGHTING PRECAUTIONS AND EQUIPMENT: For fires involving this material, do not enter any enclosed or confined space without protective equipment including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL IMPACT: This material is not expected to present any environmental problems other than those associated with oil spills.

PROCEDURES TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Immediately absorb spilled material with absorbent clay, diatomaceous earth or other suitable material. Keep out of sewers and waterways. Shovel up and dispose of in approved waste containers.

PERSONAL PRECAUTIONS: Extremely slippery when spilled. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Wear plastic or neoprene rubber gloves and safety goggles.

7. HANDLING AND STORAGE

ADVICE ON SAFE HANDLING: Extremely slippery when spilled. Avoid prolonged or repeated contact with skin. Avoid breathing vapors or mists.

STORAGE CONDITIONS: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat sparks and open flame. Do not store in direct sunlight. Keep at a temperature not exceeding 50°C. Keep away from strong oxidizers.

INCOMPATIBLE MATERIALS: None known based on information supplied.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

RESPIRATORY PROTECTION: None required under ordinary conditions of use.

VENTILATION: No special requirement under ordinary conditions of use and with adequate ventilation.

PROTECTIVE CLOTHING: Oil resistant gloves for hypersensitive persons.

EYE PROTECTION: Chemical resistant goggles or face shield.

GENERAL HYGIENE CONSIDERATIONS: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE AT ATMOSPHERIC TEMPERATURE AND PRESSURE: Liquid

COLOR: Light Amber to Amber

ODOR: Typical Petroleum Smell

FLASH POINT: > 210 °C minimum (ASTM D 92 – C.O.C.) for all grades

AUTO-IGNITION TEMPERATURE: > 350 °C minimum (ASTM D 5372) for all grades

DENSITY: 0.870 – 0.889 kg / liter @ 15°C (range for all grades)

SOLUBILITY IN WATER: Insoluble

The values declared above do not constitute a specification. Actual figures may vary due to production constraints.

10. STABILITY AND REACTIVITY

REACTIVITY: Stable

STABILITY: Chemically stable under normal condition.

CONDITIONS TO AVOID: High energy ignition sources.

MATERIALS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, sulfur and by products of incomplete combustion.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY OF PRODUCT OR ITS COMPONENTS: Product does not present an acute toxicity hazard based on known or supplied information. Section 2 and 3 do not list any hazardous or toxicological component.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: The environmental impact of this product has not been fully investigated.

PERSISTENCE AND DEGRADABILITY: Not readily biodegradable.

BIOACCUMULATION: No information available.

MOBILITY IN SOIL: After release, adsorbs onto soil.

MOBILITY IN WATER: Insoluble in water. Floats in water.

13. WASTE DISPOSAL

UNUSED PRODUCT: Do not release in environment without proper contamination controls. Disposal should be in accordance with local or national legislation.

CONTAMINATED PACKAGING: Dispose of in accordance with local and national waste regulations.

14. TRANSPORT INFORMATION

DOT: Not Regulated

Air, Sea, Road and Rail transport: Not Regulated

15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS ASSESSED AGAINST:

GHS, EC-REACH

Labeling Information: None Required.

EPA Regulation: Not Assessed

OZONE Depleting Chemicals: None

16. OTHER INFORMATION

NFPA: Health hazards 0 Flammability 1 Instability 0 Special Hazard: Not Assessed

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