

OSDEC BIO-LUBE

MATERIAL SAFETY DATA SHEET

Section 1 – CHEMICAL AND COMPANY IDENTIFICATION

PRODUCT INFORMATION

Product Name

Osdec Bio-Lube

Molecular Weight

Not Applicable

COMPANY IDENTIFICATION

Company

Osdec International Sdn Bhd

Address

No. 23, Jalan PJU 3/45
PJU 3 Sunway Damansara
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Section 2 – COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no hazardous materials.

Section 3 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point, 760 mm Hg: >200°C Volatiles, % by Volume: <2

Flash Point (ASTM 93): over 300° F min (150° C)

Flammability Limits: None known

Specific Gravity (H₂O=1): 0.88

Solubility in H₂O, % by Volume: insoluble

Vapor Pressure, mm Hg: <2 Evaporation Rate, Butyl Acetate=1: <1

Vapor Density, Air=1: >1

Appearance and Odor: pale yellow liquid, mild odor.

pH: 7±0.2

Section 4 – HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION

- Negligible unless heated to produce vapors. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dizziness, and nausea. Remove to fresh air.

EYE CONTACT

- May cause irritation. Irrigate eye with water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.

SKIN CONTACT

- Prolonged or repeated contact is not likely to cause significant skin irritation. Material is sometimes encountered at elevated temperatures. Thermal burns are possible.

INGESTION

- No hazards anticipated from ingestion incidental to industrial exposure.

Section 5 – FIRST AID MEASURES**EYES**

- Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes.

SKIN

- Wash exposed areas of the body with soap and water.

INHALATION

- Remove from area of exposure, seek medical attention if symptoms persist.

INGESTION

- Give one or two glasses of water to drink. If gastro-intestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

Section 6 – FIRE FIGHTING MEASURES**EXTINGUISHING MEDIA**

- Dry chemical, foam, halon, CO₂, water spray (fog). Water stream may splash the burning liquid and spread fire.

SPECIAL FIRE FIGHTING PROCEDURES

- Use water spray to cool drums exposed to fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

- Oil soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry in well ventilated area.
- Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

Section 7 – ACCIDENTAL RELEASE MEASURES SPILL CLEAN-UP PROCEDURES

- Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible.
- Pick up small spills with absorbent materials such as paper towels, "Oil Dry", sand or dirt.
- Recover large spills for salvage or disposal.
- Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Greasy nature will result in a slippery surface.

Section 8 – HANDLING AND STORAGE

- Store in closed containers between 50° F and 120° F (10° C and 50° C)
- Keep away from oxidizing agents, excessive heat, and ignition sources.
- Store and use in well ventilated areas.
- Do not store or use near heat, spark, or flame, store out of sun.
- Do not puncture, drag, or slide this container.

- Drum is not a pressure vessel; never use pressure to empty.

Section 9 – EXPOSURE CONTROL /PERSONAL PROTECTION

RESPIRATORY PROTECTION

- If vapors or mists are generated, wear a NIOSH approved organic vapor/mist respirator.

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PROTECTIVE CLOTHING

- Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing.
PVC coated gloves recommended to prevent skin contact.

OTHER PROTECTIVE MEASURES

- Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

Section 10 – STABILITY AND REACTIVITY

GENERAL

- This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID

- Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

- Combustion produces carbon monoxide, carbon dioxide along with thick smoke.

Section 11 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

- Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved landfill.
- Follow local, state and federal disposal regulations.

Section 12 – REGULATORY INFORMATION

Section 312 Extremely Hazardous Substances

None

Section 311/312 Hazard Categories

Non-hazardous under Section 311/312

Section 313 Toxic Chemicals

None

RCRA STATUS

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste, (40 CFR 261.20-24).

Section 12 – OTHER INFORMATION

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy,

reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.