

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT NAME: **Topper ISO-32, ISO-46, ISO-68, ISO-100 Hydraulic Fluid**
EMERGENCY TELEPHONE: (305) 888 1155
TRADE OWNER: **M & J Sunshine, Corporation.** INFORMATION FAX: (305) 888 1157
TRADER ADDRESS: 7391 NW 78 Street Miami, FL 33166
SYNONYMS / GENERAL NAME: Hydraulic Fluid.

SECTION 2 – CHEMICAL AND PHYSICAL PROPERTIES

INITIAL BOILING POINT: >280 °C / 536 °F estimated values SPECIFIC GRAVITY: 0.87 at 15 °C / 59 °F
VAPOUR PRESSURE (mm Hg at 20 °C): <0.5 MELTING POINT: <-40°F (<-49 °C)
VAPOUR DENSITY (air = 1): >1 EVAPORATION RATE: N/A
SOLUBILITY IN WATER AT 20 °C: Insoluble in cold water VISCOSITY AT 40 °C: 114 mm²
STRONG ACID BASE: Stable PERCENT VOLATILE: Negligible Volatility
APPEARANCE AND ODOR: Amber, light viscous liquid, mild petroleum oil odor

HAZARDOUS DECOMPOSITION PRODUCTS: On burning, carbon monoxide and carbon dioxide, plus oxides of phosphorus and sulfur. STABILITY: Stable. POLYMERIZATION: Not expected to occur.
INCOMPATIBILITY: Strong oxidizers such as hydrogen oxidizer, bromine and chromic acid.

SECTION 3 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 350 °C / 662 °F
FLAMMABLE LIMITS: Lower: 1% Upper: 10%
EXTINGUISHING MEDIA: Dry chemical, Foam, CO₂ or water fog.
SPECIAL FIRE FIGHTING PROCEDURES: N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS: Respiratory protection (NIOSH approved) for fire fighting personnel.
Cool with water; no unusual products of combustion.

SECTION 4 – HEALTH HAZARD DATA

PERMISSIBLE CONCENTRATIONS (air): Oil Mist, mineral 5 mg/m³ PEL OSHA, 5 mg/m³ TWA ACGIH
ROUTE(S) OF ENTRY: Inhalation? Yes Skin? Limited Ingestion? Yes (deliberate)
HEALTH HAZARDS-ACUTE TOXICOLOGICAL PROPERTIES: NDA Skin: Prolonged contact may cause dermatitis to some extent.
CARCINOGENICITY: None NTP? No IARC Monographs? No OSHA Regulated? No
SIGNS & SYMPTOMS OF EXPOSURE: Eyes: Red and drowsy; dizziness, altered personality, nausea, vomiting.
EMERGENCY & FIRST AID PROCEDURES:
Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician if the irritation persists.
Skin: Remove excess with cloth or paper. Wash thoroughly with soap and water.
Inhalation: Remove exposed person to fresh air and ventilate area. Call a physician.
Ingestion: Call a physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

(Continued on Page 2)

SECTION 5 – CONTROL MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: In significant volume, transfer into container for disposal. Absorb with inert ingredients such as sand/earth/vermiculite: sweep and dispose according to regulations. Prevent liquid from entering sewers, watercourses or low areas. Adequately ventilate area. Recover free liquid by pumping, or use a suitable absorbent (vermiculite).

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable Federal, State and Local regulations.

PRECAUTIONS FOR HANDLING AND STORING: Keep container closed until ready for use. Keep away from feed and food products. Do not handle or store near flame, high heat or strong oxidizers. Adequate ventilation required.

OTHER PRECAUTIONS: Do not store or handle in temperatures above 120°F.

SECTION 6 – PRECAUTIONS FOR SAFE HANDLING AND USE

RESPIRATORY PROTECTIONS: None.

VENTILATION: None.

PROTECTIVE GLOVES: Rubber.

EYE PROTECTION: Chemical safety goggles.

OTHER PROTECTIVE EQUIPMENT/CLOTHING: Usually not needed

WORK/HYGIENIC PRACTICES: Use usual, good hygienic practices; wash thoroughly after use.

SECTION 7 – TRANSPORTATION DATA

DOT ID No.: N/A

DOT LABEL REQUIRED: None

FREIGHT CLASSIFICATION: Petroleum Lubricating Oil

HAZARD CLASS: No hazardous

PACKING GROUP: N/A

SPECIAL TRANSPORTATION NOTED: None.

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. This Material Safety Data Sheet was prepared to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200). This supersedes any previous information.