



MATERIAL SAFETY DATA SHEET

PRODUCT: **BTTRI OIL 500 REFRIGERATION OIL** HMIS: **H** **F** **R**
 PRODUCT CODE: **500 OIL** **1** **1** **0**
 CHEMICAL NAME/FAMILY: **MINERAL OIL (CAS # 64742-52-5/64741-88-4)**

MANUFACTURER / DISTRIBUTOR: **A.G.Chem LTD.**
ADDRESS: 23 Kolot Beak St, Cairo Egypt
INFORMATION: 002-011-455-095-21 **EMERGENCY:** 002-011-455-095-10
 002-010-012-111-22 **DATE:** 9/12

INGREDIENTS/HAZARDOUS/SARA TITLE III INFORMATION

Distillates, (petroleum), hydrotreated heavy naphthenic **Concentration 100%**

HAZARDOUS COMPONENTS	CAS NUM	PEL	TLV	mm Hg @ TEMP
NONE				

* Indicates toxic chemical subject to the reporting requirements of 40CFR372 and Title III Section 313.

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: >500°F
SPECIFIC GRAVITY (H₂O=1): 0.91 @ 15.6°C
VAPOR DENSITY: >10 (AIR=1)
EVAPORATION RATE: NEGLIGIBLE
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: Clear amber liquid with petroleum odor
VISCOSITY: 525 SUS @ 100°F

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >300°F (ASTM D-92) **FLAMMABLE LIMITS IN AIR (VOL)** LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: Dry chemical, CO₂, foam, waterfog, sand/earth
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus. Water spray is an unsuitable extinguishing agent.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

REACTIVITY DATA

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: NONE
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents such as chromic acid, hydrogen peroxide and bromine.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Upon combustion, CO₂ and CO are generated.

HEALTH HAZARD DATA

INHALATION AND SKIN ABSORPTION HEALTH RISKS: OSHA permissible concentration of mineral oil mist in air is 5 mg/m³.

SKIN AND EYE CONTACT: Prolonged contact may cause minor skin irritation.

SYMPTOMS OF EXPOSURE: N/A

INGESTION: N/A

ACUTE AND CHRONIC HEALTH HAZARDS: N/A

CARCINOGENICITY:	NTP	IARC MONOGRAPHS	OSHA REGULATED
	NO	NO	NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with large amounts of water for at least 15 minutes. If redness or irritation persists, contact a physician.

SKIN CONTACT: Wash with soap and water.

INHALATION: None normally required.

INGESTION: Call a physician.

PRECAUTIONS/CONTROL MEASURES FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE OF RELEASE OR SPILL: Stop leak. Dike up large spills. Use inert absorbant materials such as earth, sand or vermiculite for clean-up.

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

PRECAUTIONS FOR STORAGE AND HANDLING: Avoid exposure to heat and flames. Protect against eye and skin contact.

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling.

DISCLAIMER

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