

# MATERIAL SAFETY DATA SHEET

## WISE Solutions

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**TRADE NAME:** **Bio-Medium Preservative Lubricant**  
**CAS NO:** Mixture.  
**SYNONYMS:** None.  
**GENERIC/CHEMICAL NAME:** Mixture.  
**PRODUCT TYPE:** Bio-Corrosion Inhibitor (BCI).  
**PREPARATION/REVISION DATE:** 02/08/05  
**TRANSPORTATION EMERGENCY PH NO:** 330-877-9982

**NFPA CODE:** HEALTH: 1 FIRE: 1 REACTIVITY: 0  
**HMIS CODE:** HEALTH: 1 FIRE: 1 REACTIVITY: 0

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### SECTION 1 - HAZARDOUS INGREDIENTS

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- This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA, IARC Monographs or National Toxicology Program.  
- See SECTION 4 for HEALTH HAZARD DATA

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### SECTION 2 - PHYSICAL DATA

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**EVAPORATION RATE**  
(n-Butyl Acetate=1) Approx. 0  
**PERCENT VOLATILE:** 0  
**BOILING POINT:** Not Determined  
**VAPOR PRESSURE:** Not Determined  
**VAPOR DENSITY (Air = 1):** <1  
**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** .934 @ 15.6°C  
**SOLUBILITY IN WATER:** Insoluble  
**APPEARANCE AND ODOR:** brown liquid mild odor

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### SECTION 3 - FIRE FIGHTING MEASURES

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**FLASH POINT (PMCC):** 224°C (435°F)  
**UPPER FLAMMABLE LIMIT:** Not Determined.  
**LOWER FLAMMABLE LIMIT:** Not Determined.  
**EXTINGUISHING MEDIA:** CO<sub>2</sub>, dry chemical, alcohol foam. Water can be used to cool and protect exposed material.  
**SPECIAL FIRE-FIGHTING PROCEDURES:** Recommend wearing self-contained breathing apparatus. Water may cause splattering. Material will float on water.

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#### SECTION 4 - HEALTH HAZARD DATA

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**THRESHOLD LIMIT VALUE:** Contains some mineral oil. OSHA PEL of 5 mg per cubic meter. ACGIH STEL of 10 mg per cubic meter for mineral oil mists.

**EFFECTS OF OVEREXPOSURE:** May cause eye and skin irritation. Low order of toxicity.

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#### SECTION 5 - EMERGENCY AND FIRST AID PROCEDURES:

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**ORAL:** DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.

**EYE:** Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

**SKIN:** Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops. Launder contaminated clothing before reuse.

**INHALATION** Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If irritation persists, get medical attention.

**ADDITIONAL:** Note to physician: Treat symptomatically.

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#### SECTION 6 - STABILITY AND REACTIVITY

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**STABILITY:** Material is normally stable at moderately elevated temperatures and pressures.

**INCOMPATIBILITY:** Oxidizing agents.

**POLYMERIZATION:** Will not occur.

**THERMAL DECOMPOSITION:** Smoke, carbon monoxide, aldehydes and other products of incomplete combustion.

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#### SECTION 7 - SPILLS OR LEAK PROCEDURES

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**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:** Prevent entry into sewers and waterways. Pick up free liquid for recycle/disposal. Absorb small amounts on inert material for disposal.

**WASTE DISPOSAL METHOD:** If disposal of: This material is non-hazardous for disposal under RCRA. Disposal should be in compliance with federal, state and local laws.

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#### SECTION 8 - HANDLING AND STORAGE

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**HANDLING PROCEDURES:** Keep containers closed when not in use. Wash thoroughly after handling.

**STORAGE PROCEDURES:** No special storage precautions required.

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## SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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VENTILATION PROCEDURES:	Use local exhaust ventilation to control mists or vapors. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.
GLOVES PROTECTION:	Use nitrile or neoprene gloves.
EYE PROTECTION:	Chemical goggles or face-shield.
RESPIRATORY PROTECTION:	Under normal use conditions, respirator is not usually required. Use NIOSH/MSHA approved disposable dust/mist mask if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
CLOTHING RECOMMENDATION:	Long sleeve shirt is recommended. Wear a chemically protective apron when contact with material may occur. Launder contaminated clothing before reuse.

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