

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND CONTACT INFORMATION

Product Name: Water Soluble Thinner

AM1002, AM1003, AM1004

Alpha Resources, Inc.
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Stevensville, MI 49127
Phone: 269-465-5559

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	%W	CHEMICAL NAMES	OSHA PEL (mg/m3)	ACGIH TLV (mg/m3)
N/A	100	Polyalkylene Glycol	None	None

3. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation.

SKIN: repeated or prolonged skin contact may cause irritation.

INHALATION: Vapor and mist may irritate nose and throat. Prolonged inhalation may cause dizziness.

INGESTION: May cause gastrointestinal irritation. Nausea and vomiting may occur.

CHRONIC OVEREXPOSURE: Not known.

ACUTE OVEREXPOSURE: not known.

MEDICAL CONDITIONS AGGRAVATED: Individuals with pre-existing skin disorders or eye problems or impaired liver or kidney function may be more susceptible to the effects of chemical.

CARCINOGENICITY: LARD, NTP and OSHA do not list this product or its ingredients as carcinogens.

4. FIRST AID MEASURES

EYES: Flush with large amounts of water. Seek medical attention if irritation continues.

INHALATION: Removed to fresh air immediately. If necessary, aid with breathing and seek medical help

SKIN: Wash skin with plenty of soap and water. Seek medical attention if irritation continues.

INGESTION: Seek medical attention. Do not induce vomiting unless instructed to do so by a physician. Give large quantities of water or milk.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Non-flammable

Flash Point: >110 C

Flammable Limits: (% by Volume in Air): Lower: None Upper: None

AUTO-IGNITION TEMPERATURE: N/A

HAZARDOUS COMBUSTION PRODUCTS: Specific to type of material involved in fire.

EXTINGUISHING MEDIA: CO₂, Foam, Dry Chemical, Water Spray.

FIREFIGHTING INSTRUCTIONS: Wear NIOSH approved positive pressure self-contained breathing apparatus with full protective clothing. Do not release runoff from fire control methods to sewers or waterways.

FIREFIGHTING EQUIPMENT: Fire3 may produce toxic thermal decomposition products. Wear a self-contained breathing apparatus with a full face-piece operated in pressure-demand or positive-pressure mode.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Isolate area and deny entry. Ventilate area of leak or spill. Small spill can be picked up with vermiculite or other absorbent, noncombustible material. Properly protected personnel should flush spill with plenty of water, taking care not to splash personnel.

LARGE SPILLS: Notify appropriate personnel and implement facility emergency response plan. Evacuate non-essential personnel, isolate area and provide maximum ventilation. Cleanup personnel should wear fully protective equipment for vapor inhalation and skin and eye contact.

CONTAINMENT: For large spills, dike far ahead of liquid spill for later disposal. Do not release directly into sewers or waterways. Wash walking surfaces thoroughly to reduce slipping hazard.

CLEANUP: Absorb spilled liquid with non-reactive absorbent material. Place cleanup material in appropriate disposal containers and dispose of according to local, state and federal requirements.

REGULATORY REQUIREMENTS: Any release to the environment of this product may be subject to federal, state and/or local reporting requirements. Check with appropriate agencies.

7. HANDLING AND STORAGE

HANDLING: Exercise ordinary care in handling industrial lubricants. Avoid contamination of cigarettes or other tobacco products. Wash hands thoroughly before eating or smoking. Remove contaminated clothing and wash before reuse. Users should be alert to the possibility that very small percentages of the population may display unexpected allergic reactions to otherwise innocuous industrial lubricants and raw materials.

STORAGE: Do not store in open or unlabeled containers. Store in well ventilated, properly drained/contained site, away from heat, out of the sun and away from combustibles and reactive chemical. Use only approved containers and protect containers from damage and keep material from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local ventilation is generally not necessary under normal conditions of use with adequate general ventilation. Ventilation and other forms of engineering controls are the preferred means for controlling chemical exposures.

RESPIRATORY PROTECTION: Avoid breathing in mist. Respiratory protection is generally not necessary under normal conditions of use with adequate general ventilation.

SKIN AND HAND PROTECTION: Avoid skin contact. Wear chemical protective gloves.

Depending upon conditions of use, additional protection may be necessary such as a face shield, apron, etc.

EYE AND FACE PROTECTION: Avoid eye contact. Wear safety glasses or chemical goggles in accordance with OSHA 29 CFR 1910.133.

OTHER PROTECTIVE EQUIPMENT: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid lubricant. Dye coloring may be used. Faint odor.

BOILING POINT: >200 C
FREEZE-MELT POINT: < -20 C
VAPOR PRESSURE: N/A
VAPOR DENSITY: >1
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 0.96 – 1.00
pH: N/A
ODOR: None
PERCENT VOLATILES: 97+
EVAPORATION RATE: N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.
INCOMPATIBILITY: Strong oxidizing material, hypochlorites, chlorine.
HAZARDOUS DECOMPOSITION PRODUCTS: Steam, CO, CO₂ and unidentified organic compounds in fumes and smoke may be formed during combustion.
HAZARDOUS POLYMERIZATION: None.

11. TOXICOLOGICAL INFORMATION

None reported.

12. ECOLOGICAL INFORMATION

None available.

13. DISPOSAL CONSIDERATION

Dispose of in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

USA DOT: Not regulated

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS
TSCA STATUS: On toxic Substance Control Inventory
CERCLA Reportable Quantity: None
RCRA Status: Not regulated
SARA TITLE III:
 Section 302 Extremely Hazardous Substances: None
 Section 311/312 Hazardous Categories: None
 Section 313 Toxic Chemicals: None

CANADIAN REGULATIONS
WHMIS: Not regulated

16. OTHER INFORMATION

Hazard Index: (0-4, 4= Extreme)
 Health: 1 Fire: 1 Reactivity: 0

SUPPLEMENTAL INFORMATION

The data and information as stated was furnished by the manufacturer/vendor &/or supplier of this product. Alpha Resources, Inc. cannot warrant the accuracy of this information and shall not be responsible or liable for any damage that may result, should any of the information be erroneous.

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Prepared by: Ken Mantei