

MATERIAL SAFETY DATA SHEET

Date: 01/29/2009

1. PRODUCT AND SUPPLIER IDENTIFICATION

Product Name: AXAREL® 3000
Supplier: Petroferm Inc.
 3938 Porett Drive
 Gurnee, IL 60031
 (847) 244-3410
www.petroferm.com

Emergency Contact: CHEMTREC EMERGENCY RESPONSE
 US: (800) 424-9300
 INTERNATIONAL: (703) 527-3887
 CHEMTREC should only be contacted in the event of transportation related chemical emergencies involving a spill, leak, fire, exposure, or accident.

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Inhalation: Inhalation of vapors or mist in unventilated areas may cause irritation of the respiratory tract, dizziness, drowsiness, and headache.

Ingestion: If swallowed, may be aspirated and cause lung damage. Ingestion may also cause nausea and abdominal discomfort.

Skin: Prolonged or repeated skin contact may cause dryness and irritation. Does not cause sensitization.

Eyes: May cause eye irritation.

Listed Carcinogens: None listed by IARC/OSHA/ACGIH

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS Number	Weight %
Naphtha (Petroleum), Hydrotreated, light	64742-47-8	>85

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

Ingestion: Do not induce vomiting. Give 1-2 glasses of water to conscious victim. Seek medical attention.

Skin: Remove contaminated clothing. Thoroughly wash affected area with soap and water.

Eyes: Immediately flush eyes with water for 15 minutes. Call a physician if irritation persists.

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5. FIRE FIGHTING MEASURES

Extinguishing Media:	Dry chemical, chemical foam, carbon dioxide. Class BC, ABC fire extinguisher.
Special Fire Fighting Procedures:	Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
Unusual Fire and Explosions Hazard:	Exercise care when disposing of rags contaminated with this product. Use normal precautions appropriate for oily rags.

6. ACCIDENTAL RELEASE MEASURES

Do not allow product to enter drains or waterways. Remove all ignition sources from affected area. Absorb small spills with inert material, then place in chemical waste container. For large spills, dike affected area to prevent spreading. Observe government regulations. Refer to ERG guide 128.

7. HANDLING AND STORAGE

Store in original container, preferably in a cool, ventilated, fire-resistant building. Avoid overheating or freezing. Avoid open flames and sparks. Since empty containers may retain product residues (vapor, liquid, or solid) all label precautions must be observed.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION**Exposure Guidelines**

Component	OSHA PEL	ACGIH TLV
Naphtha (Petroleum), hydrotreated, light	None	None

Engineering Controls/PPE

Respiratory:	Use NIOSH/MSHA approved respirator if ventilation is not sufficient or if mists are generated.
Ventilation:	Mechanical (general or local) ventilation should be used to control vapor odor and prevent vapor concentrations from exceeding manufacturer recommended exposure limit.
Clothing/Glove:	Chemical resistant gloves.
Eye Protection:	Safety glasses/goggles are recommended. Provide eye bath near work site.

9. PHYSICAL AND CHEMICAL DATA

Flash Point	114.5°C (238°F) ASTMD93-85, Pensky-Martens Closed Cup
Boiling Point	241-264°C (467-508°F)
Flammable Limits	Not determined
Specific Gravity (H₂O =1)	0.836@25°C
Vapor Pressure(20°C)	< 0.2 mm Hg @ 20°C
Solubility in Water	<0.1%
Appearance and Odor	Clear liquid with a mild odor.

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10. STABILITY AND REACTIVITY

Stability: This product is stable under recommended storage conditions.
Conditions to Avoid: Excessive heat, sparks, open flames.
Incompatibility: Strong mineral acids and strong oxidizing agents.
Hazardous Decomposition Products: None, other than normal products of combustion..
Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Petroleum distillates, hydrotreated, light:
LD50/oral/rat: > 5,000 mg/kg (based on similar material)
LC50/inhalation/rat (4-hr): > 5.0 mg/l (based on similar material)
LD50/dermal/rabbit: > 2000 mg/kg (based on similar material)

12. ECOLOGICAL INFORMATION

Petroleum distillates, hydrotreated, light: Not evaluated.

13. DISPOSAL CONSIDERATIONS

Dispose of used material in compliance with all applicable government regulations.

14. TRANSPORT INFORMATION

US DOT: Non-bulk containers (under 119 gallons) are not regulated for transportation.
IATA: Not regulated
IMO: Not regulated

15. REGULATORY INFORMATION

TSCA- All components listed.

California Proposition 65: No components listed.

Canadian DSL: All components listed.

16. OTHER INFORMATION

NFPA Codes: Health: 1 Fire: 1 Reactivity: 0

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.