

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND SUPPLIER IDENTIFICATION

Date Prepared: 03/27/2009

Replaces: 07/31/2007

Product Name: AXAREL® 2000

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

OSHA STATUS: This product is hazardous (Combustible) as defined in the OSHA Hazard Communication Standard 29 CFR1910.1200,

SYMPTOMS/EFFECTS OF OVEREXPOSURE

Inhalation: Exposure to vapors at elevated temperatures may cause irritation of the upper respiratory tract. Overexposure could cause damage to the central nervous system.

Ingestion: Ingestion may cause irritation of the mouth, throat, and gastrointestinal tract with nonspecific discomfort such as nausea, headache, and diarrhea. Aspiration hazard; ingestion of significant quantities could cause mild to severe pulmonary damage and could be fatal.

Skin: Low order of toxicity. Frequent or prolonged contact may cause dermatitis. Contact may aggravate existing dermal conditions.

Eyes: Liquid vapor contact may cause eye irritation with tearing or blurring of vision.

Listed Carcinogens: None.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Description	CAS Number	Weight %
Synthetic Isoparaffinic Hydrocarbon	64742-48-9	>90%

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 two glasses of water to conscious victim. Seek medical attention.

Skin: Remove contaminated clothing. Thoroughly wash affected area with soap and water. Seek medical attention if irritation persists.

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

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 Hazards:	None known.

6. ACCIDENTAL RELEASE MEASURES

Contain spilled material and absorb with inert material, then place in chemical waste container. Do not allow spilled material to enter drains or waterways. Observe government regulations.

7. HANDLING AND STORAGE

Store in original container, preferably in a cool, ventilated, fire-resistant building. Avoid overheating or freezing. Since empty containers may retain product residues (vapor, liquid, or solid) all label precautions must be observed. Use proper bonding and/or grounding procedure when transferring.

8. EXPOSURE CONTROLS – PERSONAL PROTECTION

Constituent	CAS Number	Exposure guideline
Synthetic Isoparaffinic Hydrocarbon	64742-48-9	OSHA PEL: None established ACGIH TLV:None Established Manufacturer: Recommends a TWA of 1200mg/m ³ (171 ppm) based on total hydrocarbons

Respiratory:	Use NIOSH/MSHA approved respirator if ventilation is not sufficient and if mists are generated.
Ventilation:	Use general or local exhaust to maintain vapors within exposure limits.
Clothing/Glove:	Chemically resistant gloves should be used with all industrial chemicals.
Eye Protection:	Safety glasses/goggles are recommended. Provide eye bath near work site.

9. PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	144°F (62°C) (ASTM D56, Closed Cup)
Flammable Limits	LEL: 0.6
(% By Volume in Air):	UEL: 4.5
Boiling Point (760 mm Hg):	372°-405°F (189°-207°C)
% Volatile (By Weight):	Not determined
Specific Gravity:	0.77 @ 60°F (15.6°C)
Vapor Pressure:	0.49 mm Hg at 68°F
Vapor Density (Air =1):	6.2
Evaporation Rate (n-Bu = 1):	0.1
Solubility in Water:	Insoluble
Appearance and Odor:	Clear colorless liquid with a mild hydrocarbon odor.

10. STABILITY AND REACTIVITY

Stability:	This product is stable.
Conditions to Avoid:	Temperatures above 360°F (182°C). Keep away from heat, sparks, and flames.
Incompatibility:	Strong oxidizing agents.
Hazardous Decomposition Products:	None, other than normal products of combustion.
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

No information available. Refer to section 8 for exposure limits

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

Handle used material in compliance with all applicable government regulations

14. TRANSPORT INFORMATION

US DOT	Non-Regulated for containers of 119 gallons or less.
IATA	Not regulated
IMDG	Not Regulated

15. REGULATORY INFORMATION

TSCA: All components of this product are listed on the TSCA inventory

EPCRA Section 302 Extremely Hazardous Substances (EHSs): None

SARA 313 Toxic Release Inventory: Contains no substances subject to reporting.

SARA Title III: Under the provisions of SARA Title III, sections 311/312 this product is classified into the Following Hazard Categories: Fire.

CERCLA: Contains no substances subject to reporting.

California Prop 65: None of the components of this product are listed in California's Safe Drinking Water and Toxic Enforcement Act of 1986.

WHMIS Class: B-3 Combustible liquid

16. OTHER INFORMATION

NFPA Codes: Health: 1 Fire: 2 Reactivity: 0

<p>We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of the product are not within the control of Petroferm Inc., it is the user's obligation to determine the conditions of safe use of the product.</p>
--