

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product Name** AXAREL® 1000

**Other means of identification**

**Product Code** AX1000

**UN-No** UN1268

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Technical cleaning solvent.

**Uses advised against** FOR INDUSTRIAL USE ONLY

**Details of the supplier of the safety data sheet**

**Supplier** Vantage Specialties, Inc.

**Address** 3938 Porett Drive  
Gurnee, IL 60031, USA  
847-244-3410

**Emergency Telephone Number**

**Emergency Telephone Number** CHEMTREC International +1-703-527-3887  
CHEMTREC USA: 1-800-424-9300 Chemtrec US 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1
Flammable Liquid and vapor	Category 3

**Label Elements**

### EMERGENCY OVERVIEW

**DANGER**

**Hazard statements**

May be fatal if swallowed and enters airways

May cause drowsiness or dizziness

Flammable liquid and vapor



**Color** Colorless

**Physical State** Liquid

**Odor** Hydrocarbon

**Precautionary Statements - Prevention**

Wear protective gloves/protective clothing/eye protection/face protection

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Take precautionary measures against static discharge

Do not breathe vapors/spray

**Precautionary Statements - Response**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting  
 INCASE OF FIRE USE: dry chemical. foam. carbon dioxide. water spray, class ABC fire extinguisher.  
 Collect spillage

**Precautionary Statements - Storage**

Keep container tightly closed  
 Store locked up

**Precautionary Statements - Disposal**

Dispose of as hazardous waste in compliance with applicable regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No.	Weight %
Isoparaffinic Hydrocarbon	64742-48-9	60 - 100

**4. FIRST AID MEASURES**

**FIRST AID MEASURES**

**Eye contact** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist, call a physician.

**Skin contact** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If symptoms persist, call a physician.

**Inhalation** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

**Ingestion** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. DO NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** Headache/dizziness.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media** Carbon dioxide. Dry powder. Dry chemical. Alcohol-resistant foam. Water spray. Class ABC/BC fire extinguisher.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from the chemical** None identified.

**Hazardous combustion products** Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** Yes.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment. Ensure adequate ventilation.

**Environmental precautions**

**Environmental precautions** Prevent release to surface water. Prevent product from entering drains.

**Methods and material for containment and cleaning up**

**Methods for Cleaning Up** Absorb with inert material and transfer to containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Wear personal protective equipment. Take precautionary measures against static discharges.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

**Incompatible materials** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** Manufacturer recommended exposure limit (8-hour TWA) for CAS 64742-48-9: 171 ppm, 1200 mg/m<sup>3</sup>.

**Appropriate engineering controls**

**Engineering Measures** Safety Shower  
Eyewash station  
Ventilation system.

**Individual protection measures, such as personal protective equipment**

**Eye/face Protection** Safety glasses with side-shields.

**Skin and Body Protection** Protective gloves. Long sleeved clothing.

**Respiratory Protection** In case of inadequate ventilation wear respiratory protection.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical State** Liquid

<b>Appearance</b>	Clear	<b>Odor</b>	Hydrocarbon
<b>Color</b>	Colorless	<b>Odor threshold</b>	No information available
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH		Not Applicable	
Melting point/freezing point		Not determined	
Boiling point/boiling range	179 - 187 °C / 354 - 369 °F	Atmospheric Pressure (760 mm Hg)	
Flash Point	53 °C / 127 °F	Closed cup	
Evaporation Rate	<1	(BUAC = 1)	
Flammability (solid, gas)		Flammable liquid and vapor	
Flammability Limits in Air			
Upper flammability limits	5.4		
Lower Flammability Limit	0.7		
Vapor pressure	0.8	mm Hg	
Vapor Density	> 1	(air = 1)	
Specific Gravity	0.76	@ 25°C	
Water Solubility	Insoluble		
Solubility in other solvents		Not determined	
Partition coefficient			
Autoignition Temperature		Not determined	
Decomposition temperature		Not determined	
Kinematic viscosity	1.36 cps @ 25°C		
Dynamic viscosity		Not determined	
Explosive Properties	None		
Oxidizing Properties	None		

**Other Information****10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not reactive
<b>Remarks</b>	
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	
<b>Hazardous Reactions</b>	None under normal processing.
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	None identified.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	May cause drowsiness and dizziness.
<b>Eye contact</b>	May cause slight irritation.
<b>Skin contact</b>	Prolonged or repeated contact may dry skin and cause irritation.
<b>Ingestion</b>	May be fatal if swallowed and enters airways.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isoparaffinic Hydrocarbon	> 5000 mg/kg ( Rat )	> 3160 mg/kg ( Rabbit )	

64742-48-9			
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**Information on toxicological effects**

**Symptoms** Headache and dizziness.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Contains no listed human carcinogens at greater than 0.1%.

**Reproductive Toxicity** No known hazard.

**Developmental Toxicity** No known hazard.

**Teratogenic** No known hazard.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity-Product Information** Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Isoparaffinic Hydrocarbon 64742-48-9		LC50= 2200 mg/L Pimephales promelas 96 h		

**Persistence and degradability**

Not expected to be persistent in the aquatic environment.

**Bioaccumulation/Accumulation**

No data available

**Other Adverse Effects**

None identified

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste Disposal Method** Dispose of in accordance with applicable regulations.

**Contaminated Packaging** Dispose of in accordance with applicable regulations.

**US EPA Waste Number** D001

**14. TRANSPORT INFORMATION**

**DOT**

**UN-No** UN1268  
**Proper Shipping Name** Petroleum Distillates, N.O.S.  
**Hazard Class** 3  
**Packing Group** III  
**Special Provisions**

**IATA**

**UN-No** UN1268

**Proper Shipping Name** Petroleum Distillates, N.O.S.  
**Hazard Class** 3  
**Packing Group** III

**IMDG / IMO**

**UN-No** UN1268  
**Proper Shipping Name** Petroleum Distillates, N.O.S.  
**Hazard Class** 3  
**Packing Group** III  
**Marine Pollutant** No

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL** Complies  
**EINECS** Complies  
**ENCS** Complies  
**IECSC** Complies  
**KECL** Complies  
**PICCS** Complies  
**AICS** Complies

**Legend**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*  
*EINECS/ELINCS - EINECS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances*  
*ENCS - Japan Existing and New Chemical Substances*  
*IECSC - China Inventory of Existing Chemical Substances*  
*KECL - Korean Existing and Evaluated Chemical Substances*  
  
*PICCS - Philippines Inventory of Chemicals and Chemical Substances*  
*AICS - Australian Inventory of Chemical Substances*

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

**Acute health hazard** Yes  
**Chronic Health Hazard** No  
**Fire hazard** Yes  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**U.S. State Regulations**

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations

**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazard 1	Flammability 2	Instability 0	<b>Physical and Chemical Hazards</b> n/a
<b>HMIS</b>	Health Hazard 1	Flammability 2	Physical hazards 0	<b>Personal Precautions</b> B

Prepared by Product Steward  
 Issuing Date 02-Nov-2015  
 Revision Date 02-Nov-2015  
 Revision Note  
 Reason for Revision Update to precautionary statements and first aid measures.

**Disclaimer**  
 The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

**End of Safety Data Sheet**

AXAREL is a registered trademark of Vantage Specialties, Inc.