

Issuing Date 09-Jul-2015

Revision Date 09-Jul-2015

Revision Number 3

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

### Product identifier

Product Name AXAREL® 3000

### Other means of identification

Product Code AX3000

### 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

## 2. HAZARDS IDENTIFICATION

### Classification

Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1

### Label Elements

### EMERGENCY OVERVIEW

#### DANGER

#### Hazard statements

May cause drowsiness or dizziness

May be harmful if swallowed and enters airways



Color Colorless

Physical State Liquid

Odor Mild

#### Precautionary Statements - Prevention

Use personal protective equipment as required

In case of inadequate ventilation wear respiratory protection

Avoid breathing vapors or mists

#### Precautionary Statements - Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

**Precautionary Statements - Storage**

Store locked up  
Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with applicable regulation

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No.	Weight %
Petroleum distillates, hydrotreated light	64742-47-8	60-100

**4. FIRST AID MEASURES****FIRST AID MEASURES**

<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, consult a specialist.
<b>Skin contact</b>	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.
<b>Ingestion</b>	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Seek immediate medical attention.

**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**

<b><u>Suitable extinguishing media</u></b>	Water spray. Carbon dioxide. Foam. Dry chemical. Class ABC/BC fire extinguisher.
<b><u>Unsuitable extinguishing media</u></b>	None identified.
<b><u>Specific hazards arising from the chemical</u></b>	None identified.
<b><u>Explosion Data</u></b>	
<b><u>Sensitivity to Mechanical Impact</u></b>	None.
<b><u>Sensitivity to Static Discharge</u></b>	None.
<b><u>Protective equipment and precautions for firefighters</u></b>	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** Wear protective gloves/clothing and eye/face protection. Remove all sources of ignition. Ensure adequate ventilation.

#### Environmental precautions

**Environmental precautions** Prevent release to surface water.

#### Methods and material for containment and cleaning up

**Methods for Containment** Dike to collect large liquid spills. Avoid release to the environment.

**Methods for Cleaning Up** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

## 7. HANDLING AND STORAGE

#### Precautions for safe handling

**Handling** Wear personal protective equipment. Avoid contact with skin, eyes, and clothing. Do not breathe vapors or spray mist. Ensure adequate ventilation.

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

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

**Incompatible materials** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

**Exposure Guidelines** Manufacturer recommended exposure limit (8-hour TWA) for CAS 64742-47-8: 177 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** Long sleeved clothing. Protective gloves.

**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

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Clear	<b>Odor threshold</b>	Not determined
<b>Color</b>	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		Not Applicable

Melting point/freezing point		Not determined
Boiling point/boiling range	221 - 295 °C / 430-563 °F	
Flash Point	96 °C / 205 °F	Closed cup
Evaporation Rate	< 0.1	(BUAC = 1)
Flammability (solid, gas)		May burn if exposed to open flame.
Flammability Limits in Air		Not determined
Upper flammability limits		
Lower Flammability Limit		
Vapor pressure	0.18 mmHg	Not determined
Vapor Density		Not determined
Specific Gravity	0.83	@ 25°C
Water Solubility	Insoluble	
Solubility in other solvents		No data available
Partition coefficient		Not determined
Autoignition Temperature		Not determined
Decomposition temperature		Not determined
Kinematic viscosity	2.2 cps @ 25°C	
Dynamic viscosity		Not determined
Explosive Properties	None	
Oxidizing Properties	None	

**Other Information**

## 10. STABILITY AND REACTIVITY

<b><u>Reactivity</u></b>	Not reactive
<b><u>Chemical stability</u></b>	Stable under recommended storage conditions.
<b><u>Possibility of Hazardous Reactions</u></b>	
Hazardous Reactions	None under normal processing.
<b><u>Conditions to Avoid</u></b>	Extremes of temperature and direct sunlight

**Incompatible materials** Strong oxidizing agents.

**Hazardous Decomposition Products**  
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>	Repeated exposure may cause skin dryness or cracking.
<b>Ingestion</b>	May be fatal if swallowed and enters airways.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated light 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h

**Information on toxicological effects**

**Symptoms** Headache and dizziness.

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

**Skin corrosion/irritation** Not a primary irritant.  
**Serious eye damage/eye irritation** Not a primary irritant.  
**Sensitization** No known hazard.  
**Carcinogenicity** Contains no listed human carcinogens at greater than 0.1%.

**Reproductive Toxicity** No known hazard.

**STOT - single exposure** Inhalation of vapors may cause dizziness and drowsiness.

**STOT - repeated exposure** 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)
Petroleum distillates, hydrotreated light 64742-47-8		Oncorhynchus mykiss 96 h EL0: 1000 mg/l		EL0: 1000 mg/l

### 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.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**IATA** Not regulated

**IMDG / IMO** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA** Complies

<b>DSL</b>	Complies
<b>EINECS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**Legend**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - 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**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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>	<b>Health Hazard</b> 1	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical and Chemical Hazards</b> n/a
<b>HMIS</b>	<b>Health Hazard</b> 1	<b>Flammability</b> 1	<b>Physical hazards</b> 0	<b>Personal Precautions</b> B

<b>Prepared by</b>	Product Steward
<b>Issuing Date</b>	09-Jul-2015
<b>Revision Date</b>	09-Jul-2015
<b>Revision Note</b>	
<b>Reason for Revision</b>	Update to supplier identity/logo

**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 MSDS**

AXAREL is a registered trademark of Vantage Specialties, Inc.