



Safety Data Sheet

Issuing Date 16-Mar-2016

Revision Date 16-Mar-2016

Revision Number 3

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

Product identifier

Product Name AXAREL® 2000

Other means of identification

Product Code AX2000

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 Address Vantage Specialties, Inc.
3938 Porett Drive
Gurnee, IL 60031, USA
847-244-3410

Emergency Telephone Number

Company Phone Number +1-847-244-3410
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
Flammable Liquid	Category 4

Label Elements

EMERGENCY OVERVIEW

Hazard statements

May cause drowsiness or dizziness
May be fatal if swallowed and enters airways
Combustible liquid



Color Colorless

Physical State Liquid

Odor Hydrocarbons

Precautionary Statements - Prevention

Keep away from flames and hot surfaces. — No smoking.
Wear eye/face protection. Wear protective gloves. Use only outdoors or in a well ventilated area. 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. Call a POISON CENTER or doctor if you feel unwell.

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

IN CASE OF FIRE, Use: Carbon dioxide (CO₂), Dry chemical, ABC fire extinguisher, Water fog or foam for extinction.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Keep container tightly closed

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container in accordance 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.

Skin contact IF ON SKIN: Rinse exposed skin with plenty of water.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

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 chemical, Class ABC/BC fire extinguisher, Water spray or fog, Foam.

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

Specific hazards arising from the chemical Discarded towels or wipes soaked with solvent may smolder if not properly contained.

Hazardous combustion products Carbon oxides, smoke.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge May be ignited by heat, sparks or flames.

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 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. Do not breathe mist/vapors/spray. 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.

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/m³.

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.

Respiratory Protection Use NIOSH/MSHA approved respirator if ventilation is not sufficient to control vapors.

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	Odor	Hydrocarbons
Appearance	Clear	Odor threshold	Not determined
Color	Colorless		
Property	Values	Remarks • Method	
pH		Not Applicable	
Melting point / freezing point		Not Applicable	
Boiling point/boiling range	189 - 207 °C / 372 -405 °F		
Flash Point	62 °C / 144 °F	CC (closed cup)	
Evaporation Rate	<1	(BUAC = 1)	
Flammability (solid, gas)		Combustible liquid	
Flammability Limit in Air		Not determined	
Upper flammability limit			
Lower Flammability Limit			
Vapor pressure	0.49	1.889 mm Hg	
Vapor Density	> 1	(air = 1)	
Specific Gravity	0.77	@ 25°C	
Water Solubility	Insoluble	.	
Solubility in other solvents		Not determined	
Partition coefficient		Not determined	
Autoignition Temperature		Not determined	
Decomposition temperature		Not determined	
Kinematic viscosity	1.54 cps @ 25°C		
Dynamic viscosity		Not determined	
Explosive Properties	None		
Oxidizing Properties	None		

Other Information

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	May cause drowsiness and dizziness.
Eye contact	May cause slight irritation.
Skin contact	Repeated exposure may cause skin dryness or cracking.
Ingestion	May be fatal if swallowed and enters airways.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isoparaffinic Hydrocarbon 64742-48-9	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	.

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 Not a skin sensitizer.
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.
STOT - single exposure Central nervous system.

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)
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.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG / IMO Not regulated

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/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European 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

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

16. OTHER INFORMATION

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

Prepared by Product Steward

Issuing Date	16-Mar-2016
Revision Date	16-Mar-2016
Revision Note	
Reason for Revision	Update to prevention and response statements (section 2 and 5) Correction to SARA 311/312 fire hazard category.

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.

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