

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

Emergency Telephone Number

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

2. HAZARDS IDENTIFICATION

Classification

Aspiration toxicity	Category 1
Flammable Liquid	Category 3

Label Elements

EMERGENCY OVERVIEW

DANGER

Hazard statements

May be fatal if swallowed and enters airways

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 flames and hot surfaces. — No smoking.

Take precautionary measures against static discharge

Precautionary Statements - Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
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.

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

Dispose of contents/container in accordance with applicable regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Naphtha (petroleum), hydrotreated heavy	64742-48-9	80 - 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.
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	Potential for aspiration if swallowed.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

<u>Suitable extinguishing media</u>	Carbon dioxide. Dry chemical. Water spray or fog. Class ABC/BC fire extinguisher.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
<u>Specific hazards arising from the chemical</u>	None identified.
Hazardous combustion products	Carbon oxides.
<u>Explosion Data</u>	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	Yes.
<u>Protective equipment and precautions for firefighters</u>	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. Take precautionary measures against static discharges.

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. Handle in accordance with good industrial hygiene and safety practice.

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/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. 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	Odor	Hydrocarbon
Appearance	Clear	Odor threshold	No information available
Color	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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	CC (closed cup)
Evaporation Rate	<1	(BUAC = 1)
Flammability (solid, gas)		Flammable liquid and vapor
Flammability Limit in Air		
Upper flammability limit	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		
Explosive Properties	None	
Oxidizing Properties	None	

Other Information**10. STABILITY AND REACTIVITY**

<u>Reactivity</u>	Not reactive
Remarks	
<u>Chemical stability</u>	Stable under recommended storage conditions.
<u>Possibility of Hazardous Reactions</u>	
Hazardous Reactions	None under normal processing.
<u>Conditions to Avoid</u>	Keep away from open flames, hot surfaces and sources of ignition.
<u>Incompatible materials</u>	Strong oxidizing agents.
<u>Hazardous Decomposition Products</u>	
None identified.	

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

Inhalation	No known hazard.
Eye contact	May cause slight irritation.
Skin contact	Prolonged or repeated contact may dry skin and cause irritation.
Ingestion	May be fatal if swallowed and enters airways.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Naphtha (petroleum), hydrotreated	> 6000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	> 8500 mg/m ³ (Rat) 4 h

heavy 64742-48-9			
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Information on toxicological effects

Symptoms No information available.

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

Skin corrosion/irritation Not irritating to skin.
Serious eye damage/eye irritation May cause slight irritation.
Sensitization No known hazard.
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 No known hazard.

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)
Naphtha (petroleum), hydrotreated heavy 64742-48-9		LC50= 2200 mg/L Pimephales promelas 96 h		LC50: >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.

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	Exempt from regulation by US DOT when shipped in the USA solely by land in containers less than 119 gallons, refer to 49 CFR 173.150(f).
TDG	-
UN-No	UN1268
Proper Shipping Name	Petroleum Distillates, N.O.S.
Hazard Class	3
Packing Group	III
Special Provisions	Exempt from regulation by Canadian Dangerous Goods Transportation when shipped by land in containers less than 450 Liters. Refer to TDG Part 1, Section 1.33 (Class 3, Flammable Liquids: General Exemption).
ICAO	-
UN-No	UN1268
Proper Shipping Name	Petroleum Distillates, N.O.S.
Hazard Class	3
Packing Group	III
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/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**U.S. State Right-to-Know Regulations**

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

16. OTHER INFORMATION

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

Prepared by Regulatory Specialist
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 Revision Note
 Reason for Revision Updated Section 14

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 trademark of Vantage Specialties, Inc.