

# Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 7/26/2022 Version: 1.0

## **SECTION 1: Identification**

## 1.1. Identification

 Product form
 : Substance

 Substance name
 : Axarel™ 2000

 Product code
 : AX2000

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Cleaning/washing agents and additives

Recommended use : Technical cleaning solvent Restrictions on use : For industrial use only

#### 1.3. Supplier

Vantage Specialties, Inc. 3938 Porett Drive Gurnee, IL 60031 USA

T+1847-244-3410

msds.pm.us@vantagegrp.com

## 1.4. Emergency telephone number

Emergency number : For Chemical Emergency Call CHEMTREC 24hr/day 7days/week

Within USA and Canada: 1-800-424-9300
Outside USA and Canada: 1-703-527-3887

(collect calls accepted)

## **SECTION 2: Hazard(s) identification**

### 2.1. Classification of the substance or mixture

#### **GHS US classification**

Flammable liquids Category 4 H227 Combustible liquid

Aspiration hazard Category 1 H304 May be fatal if swallowed and enters airways

Full text of H statements : see section 16

## 2.2. GHS Label elements, including precautionary statements

## **GHS US labeling**

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

Hazard statements (GHS US) : H227 - Combustible liquid

H304 - May be fatal if swallowed and enters airways

Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 - If swallowed: Immediately call a poison center or doctor.

P331 - Do NOT induce vomiting.

P370+P378 - In case of fire: Use media other than water to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool.

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## 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## **SECTION 3: Composition/Information on ingredients**

#### 3.1. Substances

Name : Axarel™ 2000

Name	Product identifier	%	GHS US classification
Naphtha (petroleum), hydrotreated heavy	CAS-No.: 64742-48-9	100	Flam. Liq. 3, H226 Asp. Tox. 1, H304

Full text of hazard classes and H-statements : see section 16

#### 3.2. Mixtures

Not applicable

## **SECTION 4: First-aid measures**

#### 4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Do not induce vomiting. Call a physician immediately.

## 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after ingestion : Risk of lung edema.

## 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## **SECTION 5: Fire-fighting measures**

## 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing agent suitable for surrounding fire.

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

## 5.2. Specific hazards arising from the chemical

Fire hazard : Combustible liquid.

Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide.

## 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

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#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer

to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public

waters.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

## **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open

flames and other ignition sources. No smoking. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

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

Storage conditions : Store in a well-ventilated place. Keep cool. Store locked up.

## **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

#### Axarel™ 2000

No additional information available

## Naphtha (petroleum), hydrotreated heavy (64742-48-9)

No additional information available

## 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves

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Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):







## **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Colorless
Odor : slight

Odor threshold : No data available pH : No data available Melting point : Not applicable Freezing point : No data available Boiling point : 190 – 208 °C Flash point : 62 °C

Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) : No data available Vapor pressure : 0.4 kPa @ 20°C Relative vapor density at 20 °C : > 1 (air = 1) Relative density : 0.77 @ 25°C Density : 760 kg/m³

Solubility : Material nearly insoluble in water.

Partition coefficient n-octanol/water (Log Pow) : > 4 Auto-ignition temperature : 322 °C

Decomposition temperature : No data available
Viscosity, kinematic : 1.54 mm²/s @ 20°C
Viscosity, dynamic : No data available
Explosion limits : No data available
Explosive properties : None reported.
Oxidizing properties : None reported.

#### 9.2. Other information

No additional information available

## **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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#### 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Naphtha (petroleum), hydrotreated heavy (64742-48-9)		
LD50 oral rat	> 6000 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg	
LC50 Inhalation - Rat	> 8500 mg/m³ (Exposure time: 4 h)	

Skin corrosion/irritation : Not classified Serious eye damage/irritation Not classified : Not classified Respiratory or skin sensitization Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified

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

Viscosity, kinematic : 1.54 mm²/s @ 20°C Symptoms/effects after ingestion : Risk of lung edema.

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Naphtha (petroleum), hydrotreated heavy (64742-48-9)		
LC50 - Fish [1]	2200 mg/l (Exposure time: 96 h - Species: Pimephales promelas)	
LC50 - Other aquatic organisms [1]	2.6 mg/l Source: IUCLID	

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## 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

## Axarel™ 2000

Partition coefficient n-octanol/water (Log Pow)

Naphtha (petroleum), hydrotreated heavy (64742-48-9)

Partition coefficient n-octanol/water (Log Pow) 2.1 – 6 Source: IUCLID

> 4

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

## **SECTION 13: Disposal considerations**

#### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## **SECTION 14: Transport information**

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not applicable	Not applicable	Not applicable	Not applicable
Transport document description			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es	)		
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			•
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information availab	le		

## 14.6. Special precautions for user

#### DOT

No data available

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#### **TDG**

No data available

#### **IMDG**

No data available

#### IATA

No data available

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## **SECTION 15: Regulatory information**

### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

#### 15.2. International regulations

No additional information available

## 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## **SECTION 16: Other information**

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Full text of H-phrases		
H226	Flammable liquid and vapor	
H227	Combustible liquid	
H304	May be fatal if swallowed and enters airways	

NFPA health hazard

: 1 - Materials that, under emergency conditions, can cause significant

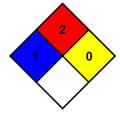
NFPA fire hazard

 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.

NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire

conditions.



Hazard Rating

Health

: 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability

: 2 Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F but below 200 F. (Classes II & IIIA)

but below 200 F. (Classes II & I

Physical

: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Vantage - Safety Data Sheet (SDS), USA

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