

# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

**Product identifier:** AIRASE 4500

**Other means of identification**

**Recommended restrictions**

**Recommended use:** Defoamer

**Restrictions on use:** Not determined.

**Manufacturer/Importer/Distributor Information**

Company Name : Evonik Corporation  
Nutrition & Care  
PO Box 34628  
Richmond, VA 23234  
USA

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Fax : +1 804 727 0845

E-mail : us-productsafety-cs@evonik.com

**Emergency telephone number:**

24-Hour Health : +1 800 424 9300 (CHEMTREC - US & CANADA)

Emergency : +1 800 681 9531 (CHEMTREC MEXICO)

+1 703 527 3887 (CHEMTREC WORLD)

## 2. Hazard(s) identification

**Hazard Classification**

**Label Elements**

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** No labeling is required under Regulation 29 CFR 1910.1200 (US GHS).

**Precautionary Statements** Not a hazardous substance or mixture.

**Hazard(s) not otherwise classified (HNOC):** None.

**3. Composition/information on ingredients****Mixtures**

**Composition Comments:** No hazardous ingredients.

**4. First-aid measures****Description of necessary first-aid measures**

**General information:** Seek medical advice. If breathing is irregular or stopped, administer artificial respiration.

**Inhalation:** Move to fresh air.

**Skin Contact:** Wash off immediately with soap and plenty of water. Wash off immediately with plenty of water for at least 15 minutes.

**Eye contact:** Rinse immediately with plenty of water for at least 15 minutes. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses.

**Ingestion:** Prevent aspiration of vomit. Turn victim's head to the side. Never give anything by mouth to an unconscious person.

**Personal Protection for First-aid Responders:** Use personal protective equipment., Wear self-contained breathing apparatus for firefighting if necessary.

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

**Symptoms:** Up to now no symptoms are known.

**Hazards:** No data available.

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

**Treatment:** Treat symptomatically.

**5. Fire-fighting measures****Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Carbon Dioxide. Dry chemical. Dry sand. Limestone powder Alcohol resistant foam.

**Unsuitable extinguishing media:** No data available.

**Specific hazards arising from the chemical:** Incomplete combustion may form carbon monoxide. No special precautions. Burning produces noxious and toxic fumes.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.

**6. Accidental release measures**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Evacuate personnel to safe areas. Wear suitable protective clothing, gloves and eye/face protection.
<b>Accidental release measures:</b>	If possible, stop flow of product.
<b>Methods and material for containment and cleaning up:</b>	Place in appropriate chemical waste container. Call Emergency Response number for advice.
<b>Environmental Precautions:</b>	Construct a dike to prevent spreading.

## 7. Handling and storage

### Handling

<b>Technical measures (e.g. Local and general ventilation):</b>	Provide readily accessible eye wash stations and safety showers. Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.
<b>Safe handling advice:</b>	Use personal protective equipment. Wash hands at the end of each workshift and before eating, smoking or using the toilet. Spraying increases the risk of hazardous exposure. In atmospheres where the material is sprayed, workers should avoid contact with aerosols. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Avoid contact with eyes. Product may separate upon standing or freezing; bring to ambient temperature and mix thoroughly before use.
<b>Contact avoidance measures:</b>	No data available.
<b>Hygiene measures:</b>	Provide readily accessible eye wash stations and safety showers.

### Storage

<b>Safe storage conditions:</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Safe packaging materials:</b>	No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
Polypropylene glycol - Vapor.	ST ESL	1,000 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (06 2018)
	AN ESL	100 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (06 2018)

<b>Appropriate Engineering Controls</b>	Provide readily accessible eye wash stations and safety showers. Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.
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### Individual protection measures, such as personal protective equipment

**Eye/face protection:** Chemical safety glasses.

**Skin Protection**

<b>Hand Protection:</b>	Additional Information: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Additional Information: Neoprene gloves
<b>Skin and Body Protection:</b>	No specific recommendations. protective clothing
<b>Respiratory Protection:</b>	Not required for properly ventilated areas. Spraying increases the risk of hazardous exposure . In atmospheres where the material is sprayed, workers should avoid contact with aerosols through proper engineering controls such as exhaust ventilation and/or proper protective equipment such as a full-face air-supplied respirators.
<b>Hygiene measures:</b>	Provide readily accessible eye wash stations and safety showers.

## 9. Physical and chemical properties

### Appearance

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	No data available.
<b>Odor:</b>	No data available.
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	5 - 7
<b>Freezing point:</b>	-31.6 °C
<b>Boiling Point:</b>	375 °C
<b>Flash Point:</b>	193 °C
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.

<b>Explosive limit - upper (%):</b>	No data available.
<b>Explosive limit - lower (%):</b>	No data available.
<b>Vapor pressure:</b>	1.93 hPa (21 °C)
<b>Vapor density (air=1):</b>	No data available.
<b>Density:</b>	0.99 g/cm <sup>3</sup> (21 °C)
<b>Relative density:</b>	0.99
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	No data available.
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Self Ignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>Kinematic viscosity:</b>	No data available.
<b>Dynamic viscosity:</b>	No data available.
<b>Other information</b>	
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.
<b>Minimum ignition temperature:</b>	No data available.
<b>Metal Corrosion:</b>	No data available.

**10. Stability and reactivity**

<b>Reactivity:</b>	see section "Possibility of hazardous reactions"
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No data available.
<b>Conditions to avoid:</b>	No data available.
<b>Incompatible Materials:</b>	Reactive metals (e.g. sodium, calcium, zinc etc.). Materials reactive with hydroxyl compounds. Oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Carbon Monoxide. Carbon Dioxide. Aldehydes. Flammable hydrocarbon fragments. Silicon Dioxide.

**11. Toxicological information**
**Information on likely routes of exposure**

<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Ingestion:</b>	No data available.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Ingestion:</b>	No data available.

**Information on toxicological effects**
**Acute toxicity (list all possible routes of exposure)**

<b>Oral Product:</b>	
<b>Dermal Product:</b>	No data is available on the product itself.
<b>Inhalation Product:</b>	No data is available on the product itself.

<b>Repeated dose toxicity Product:</b>	No data available.
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<b>Skin Corrosion/Irritation Product:</b>	No data available.
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**Serious Eye Damage/Eye Irritation**

**Product:** Mildly Irritating  
Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogens present or none present in regulated quantities

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogens present or none present in regulated quantities

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity****In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data is available on the product itself.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard**

**Product:** No data available.

**Other effects:** No data available.

**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:****Fish**

**Product:** No data is available on the product itself.

**Aquatic Invertebrates**

**Product:** No data is available on the product itself.

**Chronic hazards to the aquatic environment:****Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data is available on the product itself.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** Log Kow: No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** Do not allow to enter soil, waterways or waste water canal.

**13. Disposal considerations**

**Disposal methods:** Contact supplier if guidance is required.

**Contaminated Packaging:** Dispose of container and unused contents in accordance with federal, state, and local requirements.

**14. Transport information**

**Domestic regulation**

**49 CFR**

Not regulated as a dangerous good

Remarks : Not dangerous according to transport regulations.

**International Regulations**

**UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

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

Not applicable for product as supplied.

## 15. Regulatory information

### US Federal Regulations

#### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

#### **US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)**

None present or none present in regulated quantities.

#### **US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

#### **CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

#### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

##### **Hazard categories**

Not classified

##### **SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

##### **US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances**

##### **SARA 311/312 Hazardous Chemical**

None present or none present in regulated quantities.

##### **SARA 313 (TRI Reporting)**

None present or none present in regulated quantities.

#### **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

#### **Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

### US State Regulations

#### **US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

#### **US. New Jersey Worker and Community Right-to-Know Act**

No ingredient regulated by NJ Right-to-Know Law present.

#### **US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.



**US. Pennsylvania RTK - Hazardous Substances**

No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

**Inventory Status:**

 US TSCA Inventory: Included on Inventory.  
 Canada DSL Inventory List: Included on Inventory.

**16. Other information, including date of preparation or last revision**
**HMIS Hazard ID**

<b>Health</b>	1
<b>Flammability</b>	1
<b>Physical Hazards</b>	0
<b>PERSONAL PROTECTION</b>	

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

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**Version #:** 1.1

**Further Information:** No data available.

**Revision Information:** Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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