

# SAFETY DATA SHEET

Classified in accordance with 29 CFR 1910.1200

## 1. Identification

**Product identifier:** AIRASE® 8070

### Other means of identification

None.

### Recommended restrictions

**Recommended use:** Industrial use

**Restrictions on use:** None known.

### Manufacturer/Importer/Distributor Information

Company Name : Evonik Corporation  
Nutrition & Care  
7801 Whitepine Road  
Richmond, VA 23237  
USA

Telephone : +1 804 727 0700

Fax : +1 804 727 0845

E-mail : product-regulatory-services@evonik.com

### Emergency telephone number:

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

Emergency : 800 681 9531 (CHEMTREC MEXICO)

+1 703 527 3887 (CHEMTREC WORLD)

## 2. Hazard(s) identification

### Hazard Classification

#### Health Hazards

Serious Eye Damage/Eye Irritation Category 1

Skin sensitizer Category 1

#### Environmental Hazards

Acute hazards to the aquatic environment Category 3

Chronic hazards to the aquatic environment Category 3

### Label Elements

#### Hazard Symbol:



**Signal Word:** Danger

**Hazard Statement:** Causes serious eye damage.  
 May cause an allergic skin reaction.  
 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

**Prevention:** Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of water/... If skin irritation or rash occurs: Get medical advice/attention. Immediately call a POISON CENTER/doctor. Specific treatment (see on this label). Wash contaminated clothing before reuse.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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

**3. Composition/information on ingredients**

**Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) <sup>*</sup>
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol		9014-85-1	50 - <100%

<sup>\*</sup> All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

**4. First-aid measures**

**Description of necessary first-aid measures**

**General information:** Immediately remove contaminated clothing.

**Inhalation:** Ensure supply of fresh air. Seek medical advice if symptoms occur.

**Skin Contact:** In case of contact with skin wash off with soap and water. Seek medical advice if symptoms occur.

<b>Eye contact:</b>	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
<b>Ingestion:</b>	Thoroughly clean the mouth with water Seek medical advice if symptoms occur.
<b>Personal Protection for First-aid Responders:</b>	Do not inhale explosion and/or combustion gases, Use self-contained breathing apparatus and wear protective suit

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

<b>Symptoms:</b>	Risk of serious damage to eyes.
<b>Hazards:</b>	No data available.

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

<b>Treatment:</b>	Treat symptomatically.
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**5. Fire-fighting measures****Suitable (and unsuitable) extinguishing media**

<b>Suitable extinguishing media:</b>	foam, carbon dioxide, dry powder, water spray.
<b>Unsuitable extinguishing media:</b>	High volume water jet

<b>Specific hazards arising from the chemical:</b>	In the event of fire the following can be released: - Carbon monoxide, carbon dioxide, silicon dioxide Under certain conditions of combustion traces of other toxic substances cannot be excluded
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**Special protective equipment and precautions for firefighters**

<b>Special fire fighting procedures:</b>	No specific precautions.
<b>Special protective equipment for fire-fighters:</b>	Do not inhale explosion and/or combustion gases Use self-contained breathing apparatus and wear protective suit

**6. Accidental release measures**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Use personal protective equipment.
<b>Methods and material for containment and cleaning up:</b>	Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with the regulations.
<b>Environmental Precautions:</b>	Do not allow to enter drains or waterways Do not discharge into the subsoil/soil.

## 7. Handling and storage

### Handling

**Technical measures (e.g. Local and general ventilation):** No data available.

**Safe handling advice:** Provide good ventilation of working area (local exhaust ventilation if necessary). Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.

**Contact avoidance measures:** No data available.

**Hygiene measures:** Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when working. Remove soiled or soaked clothing immediately.

### Storage

**Safe storage conditions:** Keep container tightly closed in a cool, well-ventilated place. Do not store together with oxidizing agents.

**Safe packaging materials:** No data available.

**Storage Temperature:** No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

**Appropriate Engineering Controls** No data available.

### Individual protection measures, such as personal protective equipment

**Eye/face protection:** Tightly fitting safety goggles

### Skin Protection

**Hand Protection:** Additional Information: gloves made of chloroprene (CR, e.g. Neoprene), gloves made of nitril (NBR)

**Skin and Body Protection:** protective clothing

**Respiratory Protection:** in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

**Hygiene measures:** Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when working. Remove soiled or soaked clothing immediately.

**9. Physical and chemical properties****Appearance**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	Pale yellow
<b>Odor:</b>	Mild
<b>Odor Threshold:</b>	not measured
<b>pH:</b>	not measured
<b>Freezing point:</b>	-39 °C
<b>Boiling Point:</b>	> 250 °C
<b>Flash Point:</b>	130 °C
<b>Evaporation Rate:</b>	not measured
<b>Flammability (solid, gas):</b>	not measured
<b>Explosive limit - upper:</b>	not measured
<b>Explosive limit - lower:</b>	not measured
<b>Vapor pressure:</b>	< 0.01 hPa (20 °C)
<b>Vapor density (air=1):</b>	not measured
<b>Density:</b>	0.96 g/cm <sup>3</sup> (21 °C)
<b>Relative density:</b>	not measured
<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	not measured
<b>Partition coefficient (n-octanol/water):</b>	not measured
<b>Self Ignition Temperature:</b>	not measured
<b>Decomposition Temperature:</b>	not measured
<b>Kinematic viscosity:</b>	not measured
<b>Dynamic viscosity:</b>	188 mPa.s (25 °C)
<b>Other information</b>	
<b>Explosive properties:</b>	not measured
<b>Oxidizing properties:</b>	not oxidizing
<b>Minimum ignition temperature:</b>	not measured
<b>Metal Corrosion:</b>	Does not corrode metal.

**10. Stability and reactivity**

<b>Reactivity:</b>	see section "Possibility of hazardous reactions"
<b>Chemical Stability:</b>	The product is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No hazardous reactions with proper storage and handling.
<b>Conditions to avoid:</b>	None with proper storage and handling.
<b>Incompatible Materials:</b>	Oxidizing agent
<b>Hazardous Decomposition Products:</b>	None with proper storage and handling.

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

**Inhalation:** Information on effects are given below.

**Skin Contact:** Information on effects are given below.

**Eye contact:** Information on effects are given below.

**Ingestion:** Information on effects are given below.

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

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

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

**Product:** No data available.  
Not classified for acute toxicity based on available data.

**Dermal**

**Product:** No data available.  
Not classified for acute toxicity based on available data.

**Inhalation**

**Product:** No data available.  
ATEmix : 10 mg/l Dusts, mists and fumes

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**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

Product name: AIRASE® 8070

**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), as amended:**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity****In vitro****Product:** No data available.**Components:**

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol

Ames test (OECD 471): negative The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).  
Chromosomal aberration (OECD 473): negative The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).  
gene mutation test (OECD 476): negative The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).

**In vivo****Product:** No data available.**Reproductive toxicity****Product:** No data available.**Specific Target Organ Toxicity - Single Exposure****Product:** No data available.**Specific Target Organ Toxicity - Repeated Exposure****Product:** No data available.**Aspiration Hazard****Product:** Not classified**Other effects:** No data available.**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:****Fish****Product:** No data available.**Aquatic Invertebrates****Product:** No data available.**Chronic hazards to the aquatic environment:****Fish**

Product name: AIRASE® 8070

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**Product:** No data available.**Aquatic Invertebrates****Product:** No data available.**Toxicity to Aquatic Plants****Product:** No data available.**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: not measured**Mobility in soil:**

No data available.

**Components:**Ethoxylated 2,4,7,9-  
tetramethyl 5 decyn-4,7-  
diol  
No data available.**Other adverse effects:**

Do not allow to enter soil, waterways or waste water canal.

**13. Disposal considerations****Disposal methods:**

In accordance with local authority regulations, take to special waste incineration plant

**Contaminated Packaging:**

If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

**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), as amended**

**Chemical Identity**

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol

**OSHA hazard(s)**

Irritant

**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**

Serious eye damage or eye irritation, Respiratory or Skin Sensitization

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

None present or none present in regulated quantities.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required**

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>	3
<b>Flammability</b>	1
<b>Physical Hazards</b>	0
<b>PERSONAL PROTECTION</b>	<b>B</b>

B - Safety Glasses &amp; Gloves

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

**Issue Date:** 05/18/2020

**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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