

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** AIRASE® 5200

**Chemical name:** Polyether siloxane

### Other means of identification

**Recommended use:** Industrial use

**Recommended restrictions:** None known.

### Manufacturer/Importer/Distributor Information

**Company Name** : Evonik India Pvt Ltd  
Krislon House, Saki Vihar Road,  
Sakinaka, Andheri (East)  
Mumbai - 400072  
Maharashtra, India

**Telephone** : +91 22 6723 8800

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

### Emergency telephone number:

24-Hour Health : 000-800-100-7141  
Emergency

## 2. Hazard(s) identification

### Classification according to GHS

#### Health Hazards

Acute toxicity (Oral) Category 5

### Label Elements

**Hazard Symbol:** No symbol

**Signal Word:** Warning

**Hazard Statement:** May be harmful if swallowed.

#### Precautionary Statements

**Response:** Call a POISON CENTER or doctor/ physician if you feel unwell.

**Other hazards:** None known.

### 3. Composition/information on ingredients

**Chemical name:**  
Polyether siloxane

#### Mixtures

**General information:** No hazardous ingredients.

### 4. First-aid measures

#### Description of necessary first-aid measures

<b>General information:</b>	Immediately remove contaminated clothing.
<b>Inhalation:</b>	fresh air supply, consult a doctor if feeling unwell.
<b>Skin Contact:</b>	In case of contact with skin wash off with soap and water. In case of discomfort: Supply with medical care.
<b>Eye contact:</b>	In case of contact with eyes rinse thoroughly with water. In case of discomfort: Supply with medical care.
<b>Ingestion:</b>	Thoroughly clean the mouth with water In case of discomfort: Supply with medical care.
<b>Personal Protection for First-aid Responders:</b>	No data available.

#### Most important symptoms and effects, both acute and delayed

<b>Symptoms:</b>	Up to now no symptoms are known.
<b>Hazards:</b>	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:** foam, carbon dioxide, dry powder, water spray.

**Unsuitable extinguishing media:** High volume water jet.

**Special hazards arising from the substance or mixture:**

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

**Special protective equipment and precautions for fire-fighters**
**Special fire-fighting procedures:**

No specific precautions.

**Special protective equipment for fire-fighters:**

Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus and wear protective suit

<b>6. Accidental release measures</b>	
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**Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment.

**Accidental release measures:**

No data available.

**Methods and material for containment and cleaning up:**

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with the regulations.

**Environmental Precautions:**

Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.

<b>7. Handling and storage</b>	
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**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.

**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.

<b>8. Exposure controls/personal protection</b>	
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**Control Parameters**
**Occupational Exposure Limits**

Observe national threshold limit values.

**Biological Limit Values**

Observe national threshold limit values.

**Appropriate Engineering Controls**

No data available.

**Individual protection measures, such as personal protective equipment**
**General information:**

No data available.

**Eye/face protection:**

Safety glasses

**Skin Protection**
**Hand Protection:**

Additional Information: gloves made of chloroprene (CR, e.g. Neoprene)

**Other:**

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. When using do not eat, drink or smoke. Remove soiled or soaked clothing immediately.

**9. Physical and chemical properties**
**Information on basic physical and chemical properties**
**Appearance**
**Physical state:**

liquid

**Form:**

liquid

**Color:**

Pale yellow

**Odor:**

Mild

**Odor Threshold:**

not measured

**Freezing point:**

-29 °F/-34 °C

**Boiling Point:**

&gt; 340 °F/&gt; 171 °C

**Flammability:**

not measured

**Upper/lower limit on flammability or explosive limits**
**Explosive limit - upper:**

not measured

**Explosive limit - lower:**

not measured

**Flash Point:**

320 °F/160 °C

**Self Ignition Temperature:**

not measured

**Decomposition Temperature:**

not measured

**pH:**

not measured

**Viscosity**
**Dynamic viscosity:**

700 mPa.s (70 °F/21 °C)

**Kinematic viscosity:**

 673 mm<sup>2</sup>/s (70 °F/21 °C, calculated)

<b>Flow Time:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	not measured
<b>Solubility (other):</b>	not measured
<b>Partition coefficient (n-octanol/water):</b>	not measured
<b>Vapor pressure:</b>	0,66 hPa (70 °F/21 °C)
<b>Relative density:</b>	not measured
<b>Density:</b>	1,04 g/cm <sup>3</sup> (70 °F/21 °C)
<b>Bulk density:</b>	No data available.
<b>Relative vapor density:</b>	not measured

**Other information**

<b>Explosive properties:</b>	not measured
<b>Oxidizing properties:</b>	not oxidizing
<b>Minimum ignition temperature:</b>	not measured
<b>Metal Corrosion:</b>	Not corrosive to metals
<b>Evaporation Rate:</b>	not measured

**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 agents.
<b>Hazardous Decomposition Products:</b>	None with proper storage and handling.

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

<b>Inhalation:</b>	Information on effects are given below.
<b>Skin Contact:</b>	Information on effects are given below.
<b>Eye contact:</b>	Information on effects are given below.
<b>Ingestion:</b>	Information on effects are given below.

**Acute toxicity (list all possible routes of exposure)**

**Oral**  
**Product:** LD 50 (ATEmix): 2.533 mg/kg

**Dermal**  
**Product:** No data available.

**Inhalation**  
**Product:** No data available.

**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.

**Germ Cell Mutagenicity**

No data available.

**In vitro**  
**Product:** No data available.

**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

**Information on health hazards****Other hazards**

**Product:** No data available.

## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Aquatic Invertebrates

**Product:** No data available.

##### Toxicity to Aquatic Plants

**Product:** No data available.

##### Toxicity to microorganisms

**Product:** No data available.

#### Chronic hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Aquatic Invertebrates

**Product:** No data available.

##### Toxicity to Aquatic Plants

**Product:** No data available.

##### Toxicity to microorganisms

**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:

**Product** No data available.

**Product** No data available.

**Other adverse effects:**

**Other hazards**

**Product:** 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

**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

### 16. Other information, including date of preparation or last revision

**Issue Date:** 04.03.2019

**Version #:** 2.1

**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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