

## AERO-SENSE ICE5

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Xn : Harmful

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Trade name** : AERO-SENSE ICE5  
**Identification of the product** : Multicomponent liquid.  
**Type of product** : Liquid.  
**Use** : For professional use only.  
**Company identification** : AERO-SENSE BVBA  
Delaerestraat 41  
BE-8800 ROESELARE België-Belgique  
Tel. 0032 051 26 80 00 Fax. 0032 051 46 79 23  
www.aero-sense.com info@aero-sense.com  
**Emergency phone nr** : 0032 (0)70 245 245

### 2 HAZARDS IDENTIFICATION

**Hazards identification** : May cause harm to the unborn child.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Components** : This product is hazardous.

Substance name	Contents	CAS No	EC No	Index No	Classification
2-(2-methoxyethoxy)ethanol	: Between 99.5 and 100	111-77-3	203-906-6	603-107-00-6	----- Repr. Cat. 3; R63
Ethanediol	: <= 0.5	107-21-1	203-473-3	603-027-00-1	----- Xn; R22
2-Methoxyethanol	: <= 0.05	109-86-4	203-713-7	603-011-00-4	----- R10 Repr. Cat. 2; R60 Repr. Cat. 2; R61 Xn; R20/21/22
2-ethoxyethanol	: <= 0.1	110-80-5	203-804-1	603-012-00-X	----- R10 Repr. Cat. 2; R60 Repr. Cat. 2; R61 Xn; R20/21/22
Methanol	: <= 0.02	67-56-1	200-659-6	603-001-00-X	----- F; R11 T; R23/24/25-39/23/24/25 R39/23/24/25

### 4 FIRST AID MEASURES

#### First aid measures

- **Inhalation** : Not expected to require first aid measures.
- **Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.  
Seek medical attention if ill effect or irritation develops.
- **Eye contact** : Rinse immediately with plenty of water.  
Continue to rinse eye with clean water for 20-30 minutes, retracting eyelids often.  
Contact ophthalmologist immediately.
- **Ingestion** : If swallowed, rinse mouth with water (only if the person is conscious).  
Give water to drink if victim completely conscious/alert.  
Take to hospital.  
Call a physician immediately.  
Never give anything by mouth to an unconscious person.

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### 5 FIRE-FIGHTING MEASURES

- Extinguishing media** : Carbon dioxide.  
Foam.  
Water spray.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire.

### 6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.
- Environmental precautions** : Prevent entry to sewers and public waters.  
Notify authorities if product enters sewers or public waters.
- Clean up methods** : Collect spills and put it into appropriated container.  
Prevent entry to sewers and public waters.

### 7 HANDLING AND STORAGE

- General** : No naked lights. No smoking.
- Precautions in handling and storage** : Avoid contact with skin and eyes.
- Personal protection** : Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing.
- Technical protective measures** : Both local exhaust and general room ventilation are usually required.
- Storage** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.  
Keep away from heat.  
Do not store in corrodable metal.
- Handling** : Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.  
Do not breathe gas, fumes, vapour or spray.  
Ensure prompt removal from eyes.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal protection**
- **Respiratory protection** : Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment.
  - **Hand protection** : Wear suitable gloves resistant to chemical penetration.
  - **Skin protection** : Wear suitable gloves resistant to chemical penetration.
  - **Eye protection** : Chemical goggles or safety glasses.
  - **Ingestion** : When using, do not eat, drink or smoke.
- Occupational Exposure Limits** : Ethanediol : TLV® -TWA [mg/m³] : 127  
Ethanediol : TGG 15 min (nl) (mg/m³) : 104 ( H )  
Ethanediol : TGG 8 uur (nl) (mg/m³) : 52  
2-Methoxyethanol : OEL (UK)-LTEL [ppm] : 5  
Methanol : OEL (UK)-LTEL [ppm] : 200  
Methanol : OEL (UK)-STEL [ppm] : 250  
Methanol : TGG 15 min (nl) (mg/m³) : 520 ( H )  
Methanol : TGG 8 uur (nl) (mg/m³) : 260

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C	: Liquid.
Colour	: Colourless.
Odour	: Characteristic.
Final boiling point [°C]	: 194
Density	: 1.02
Solubility in water	: Complete.
Flash point [°C]	: 96.1 (ASTM G93)

### 10 STABILITY AND REACTIVITY

Hazardous decomposition products	: Carbon dioxide. Carbon monoxide.
Hazardous reactions	: Reacts violently with : Strong bases. Acids.
Hazardous properties	: None under normal conditions. May form peroxides.
Materials to avoid	: Strong acids. Strong bases. Strong oxidizers.

### 11 TOXICOLOGICAL INFORMATION

Toxicity information	: No data available.
Rat oral LD50 [mg/kg]	: +/- 6500
Rabbit dermal LD50 [mg/kg]	: +/- 6450

### 12 ECOLOGICAL INFORMATION

Ecological effects information	: No data available.
96 Hour-LC50 - Minnow [mg/l]	: > 10000 mg / L
48 H-LC50 - Daphnia magna [ppm]	: > 10000 mg/L

### 13 DISPOSAL CONSIDERATIONS

General	: Dispose in a safe manner in accordance with local/national regulations.
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### 14 TRANSPORT INFORMATION

General information	: Not classified.
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### 15 REGULATORY INFORMATION

Symbol(s)	: Xn : Harmful
R Phrase(s)	: R63 : Possible risk of harm to the unborn child.
S Phrase(s)	: S36 : Wear suitable protective clothing.
Contains	: 2-(2-methoxyethoxy)ethanol



# SAFETY DATA SHEET

Page : 4

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## 16 OTHER INFORMATION

**Further information**

: R-Phrases, mentioned in point 2, not of application on the preparation.  
R10 : Flammable.  
R11 : Highly flammable.  
R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.  
R22 : Harmful if swallowed.  
R23/24/25 : Toxic by inhalation, in contact with skin and if swallowed.  
R39/23/24/25 : Toxic : danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.  
R60 : May impair fertility.  
R61 : May cause harm to the unborn child.  
R63 : Possible risk of harm to the unborn child.

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58EC.

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**End of document****AERO-SENSE BVBA**

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