





## SECTION 4: First aid measures

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### 4.1. Description of first aid measures:

|              |   |
|--------------|---|
| Inhalation   | Move affected person to fresh air at once. Get medical attention if any discomfort continues.   |
| Ingestion    | Do not induce vomiting. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. |
| Skin contact | Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.   |
| Eye contact  | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.                            |

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

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

Suitable extinguishing media      **The product is not flammable.** Use fire-extinguishing media suitable for the surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

### 5.3. Advice for firefighters

## SECTION 6: Accidental release measures

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

### 6.2. Environmental precautions

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

Methods for cleaning up      Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

Usage precautions Avoid spilling.      Avoid contact with skin and eyes. Provide adequate ventilation.

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

Storage precautions      Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class      Chemical storage.

### 7.3. Specific end use(s)



## SECTION 8: Exposure Controls / personal protection

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### 8.1. Control parameters

Occupational exposure limits

#### TRIETHYLAMINE

Long-term exposure limit (8-hour TWA): OES 2 ppm(Sk) 8 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): OES 4 ppm(Sk) 17 mg/m<sup>3</sup>(Sk)

#### 2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): OES 25 ppm(Sk)

Short-term exposure limit (15-minute): OES 50 ppm(Sk)

#### ETHANOL

Long-term exposure limit (8-hour TWA): OES 1000 ppm 1920 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): OES

#### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): OES 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): OES 500 ppm 1250 mg/m<sup>3</sup>

### 8.2. Exposure controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation.

Eye/face protection The following protection should be worn: Chemical splash goggles.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a suitable dust mask.

## SECTION 9: Physical and Chemical Properties

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

Appearance: Liquid.

### 9.2. Other information

## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

### 10.2. Chemical stability

Stability: No particular stability concerns.

### 10.3. Possibility of hazardous reactions

10.4. Conditions to avoid: Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials



#### 10.6. Hazardous decomposition products

### **SECTION 11: Toxicological information**

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#### 11.1. Information on toxicological effects

|              |  |
|--------------|--|
| Inhalation   | No specific health hazards known.                              |
| Ingestion    | May cause discomfort if swallowed.                             |
| Skin contact | No specific health hazards known.                              |
| Eye contact  | Vapour or spray in the eyes may cause irritation and smarting. |

### **SECTION 12: Ecological Information**

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Ecotoxicity: Not regarded as dangerous for the environment.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

#### 12.5. Results of PBT and vPvB assessment

#### 12.6. Other adverse effects

### **SECTION 13: Disposal considerations**

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#### 13.1. Waste treatment methods

Disposal methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### **SECTION 14: Transport information**

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Road transport notes: Not classified.

Rail transport notes: Not classified.

Sea transport notes: Not classified.

Air transport notes: Not classified.

#### 14.1. UN number

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

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



## **SECTION 15: Regulatory information**

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations      The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

Guidance                      Workplace Exposure Limits EH40. Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

## **SECTION 16: Other information**

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