

**1. Identification of the substance/preparation and of the company/undertaking***Identification of the product*

Triethanolamine

*Manufacturer/supplier identification*

Company: Guangdong Guanghua Sci-Tech Co.,Ltd

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**2. Hazards identification****Classification of the substance or mixture****Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.****Label elements**

Not a hazardous substance or mixture.

## Supplemental Hazard Statements

none

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

Triethanolamine

CAS-No.: 102-71-6

M: 149.19g/mol

Molecular formula: C<sub>6</sub>H<sub>15</sub>NO<sub>3</sub>**4. First aid measures****If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**

Wash off with soap and plenty of water.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

**5. Fire-fighting measures****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

No data available.

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**6. Accidental release measures****Personal precautions**

Avoid breathing vapours, mist or gas.

**Environmental precautions**



## Material Safety Data Sheet

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No special environmental precautions required.

**Methods and materials for containment and cleaning up**

Keep in suitable, closed containers for disposal.

**7. Handling and storage**

**Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

**Conditions for safe storage**

Keep container tightly closed in a dry and well-ventilated place.

**8. Exposure controls/personal protection**

**Appropriate engineering controls**

General industrial hygiene practice.

**Personal protective equipment**

**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected before use.

**Density** : 1.12g/cm<sup>3</sup>

**Bulk density**: not available

**Solubility in**

**water (20 °C)** : Freely soluble in water

**diluted acids (20 °C)** : not available

**Thermal decomposition**: not available

**10. Stability and reactivity**

**Chemical stability**

no data available

**Conditions to avoid**

no data available

**Materials to avoid**

Acids, oxidizing agents

**Hazardous decomposition products**

Other decomposition products - no data available

**11. Toxicological information**

**Acute toxicity**

LD50 Dermal - Rabbit - > 22.5 g/kg

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**12. Ecological information**

**Toxicity**

Toxicity to daphnia and other aquatic invertebrates    EC50 - Daphnia (water flea) - 609.98 mg/l - 48 h

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available



## Material Safety Data Sheet

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### **PBT and vPvB assessment**

no data available

### **Other adverse effects**

no data available

### **13. Disposal considerations**

#### **Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

#### **Contaminated packaging**

Dispose of as unused product.

### **14. Transport information**

#### **ADR/RID**

UN-Number: - Class: - Packing group: -  
Proper shipping name: Not dangerous goods

#### **IMDG**

UN-Number: - Class: - Packing group: -  
Proper shipping name: Not dangerous goods  
Marine pollutant: no

#### **IATA**

UN-Number: - Class: - Packing group: -  
Proper shipping name: Not dangerous goods

### **15. Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### **16. Other information**

General update.

#### *Regional representation:*

This information is given on the authorised Safety Data Sheet for your country.