

## TRI ETHYLENE GLYCOL

### 1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

#### 1.1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION:

**Trade Name:** Tri Ethylene Glycol

#### 1.2 IDENTIFICATION OF THE COMPANY:

RAR Resin & Chemical Industries JLT  
11th Floor, Jumeirah Lake Towers, P.O. Box: 47381, Dubai UAE  
Tel: +971 4 4356516 / +971 4 4356517 Email: info@rarresin.com  
Fax: +971 4 4356518 Website: www.rarresin.com

**Further information obtainable from:** Product safety department.

**Information in case of Emergency:** Product safety department.

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical characterization:**

**CAS No. Description**

11227-62-2 Tri Ethylene Glycol

**Identification number(s). EINECS Number:** 203-953-2

### 3 HAZARDS IDENTIFICATION

**Hazard Description:** Not applicable.

**Information concerning particular hazards for human and environment:** Not applicable.

### 4 FIRST AID MEASURES

**General Information:** No special measures required.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

### 5 FIRE-FIGHTING MEASURES

**Suitable extinguishing agents:** CO2, powder or water spray, Fight larger fires with water spray or alcohol resistant foam.

**Protective equipment:** No special measures required.

### 6 ACCIDENTAL RELEASE MEASURES

**Person-related safety precautions:** Not required.

**Measures for environmental protection:** No special measures required.

**Measures for cleaning/collecting:** None.

**Additional information:** No dangerous substances are released.

#### DISCLAIMER

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact RAR RESIN Technical Service Department.

## 7 HANDLING AND STORAGE

### Handling:

Information for safe handling: No special requirement

Information about fire - and explosion protection: No special measures required.

### Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Additional information about design of technical facilities:** No further data; see item 7.

**Ingredients with limit values that require monitoring at the workplace:** Not required.

**Additional information:** The lists valid during the making were used as basis.

### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:** The glove materials has to be impermeable and resistant to the product / the substance / the preparation / the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the manufacturer of the protective gloves and has to be observed.

**Eye Protection:** Not required.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Characteristics

### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.
<b>Flash point:</b>	Not applicable.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Density:</b>	Not determined.
<b>Solubility in / Miscibility with water at 20°C:</b>	Fully miscible. g/l

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## 10 STABILITY AND REACTIVITY

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Dangerous reactions:** No dangerous reactions known.

**Dangerous decomposition products:** No dangerous decomposition products known.

## 11 TOXICOLOGICAL INFORMATION

**Acute Toxicity:**

**Primary irritant effect:**

**on the skin:** No irritant effect.

**on the eye:** No irritating effect.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

## 12 ECOLOGICAL INFORMATION

**General Notes:**

Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13 DISPOSAL CONSIDERATIONS

**Product:**

**Recommendation:** Smaller quantities can be disposed of with household waste.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

## 14 TRANSPORT INFORMATION

**Maritime transport IMDG:**

**Marine pollutant:** No

## 15 REGULATORY INFORMATION

**Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The substance is not subject to classification according to EU lists and other sources of literature known to us.

## 16 OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: Product safety department

Contact: RAR Resin Technical Department

IMDG: International Maritime Code for Dangerous Goods

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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