

## SAFETY DATA SHEET

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

Supplier: Paz Lubricants & Chemicals  
 8 Gazal st., Haifa, 31000  
 Tel: 04-8352921 Fax : 04-8352074

Name	Paz long life coolant		
Catalog Number	1583		

Generic name:  
 Mono ethylene glycol :

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Hazardous components: Class Weight%

components	EEC-No /CAS-No	Risk	%
mono ethylene glycol	107-21-1	R22,S2	30

#### Chemical characterization: Product does not contain:

Non silicon antifoam. Nitrite, heavy metals, PCB's, phenols, diethanolamine, nonylphenoethoxylates, chlorine.

### 3. HAZARDS IDENTIFICATION

#### Most important hazards: Specific hazards:

Health injuries are not known or expected under normal use. Spilled product may result in slippery floors.

Do not allow material to contaminate ground water system.

### 4. FIRST AID MEASURES

#### Inhalation: Skin contact:

Move to fresh air in case of accidental inhalation of vapors or decomposition products.

Remove contaminated clothing and wash affected skin with soap and water. If skin irritation persists, call a physician.

#### Eye contact: Ingestion:

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Do not induce vomiting. Rinse mouth. Obtain medical attention.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media: Specific methods:

Extinguish with carbon dioxide, dry chemical, foam or water spray.

Water mist may be used to cool closed containers.

Extinguishing media which must not be used for safety reasons: None.

### Special protective equipment for firefighters:

#### Specific hazards:

Wear self contained breathing apparatus for fire fighting if necessary. In the event of fire carbon oxides & smoke maybe formed.

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## 6. ACCIDENTAL RELEASE MEASURES

Soak up with oil absorbent material. After cleaning, flush away traces with water. Dispose of rinse water in accordance with local and national regulations.

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## 7. HANDLING AND STORAGE

### Handling: Storage:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Keep at temperatures between 5°C and 35°C in original container.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal protection equipment:

#### Respiratory protection: - Hand protection:

No special protective equipment is required. preventive skin protection is recommended.

#### Eye protection: - Skin and body protection:

safety glasses. Effective working plant protective clothing as appropriate.

#### Engineering measures: Hygiene measures:

For most applications, normal shop ventilation is adequate. However, when high mist levels are generated or where machines are close together, or where ventilation is inadequate, use of splash guards or mist collectors is recommended.

General industrial hygiene practice. Keep away from food and drink.

	TWA 8h	Stel/c	
Ethylene glycol aerosol		100 mg/m3	

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** liquid

**Colour:** orange

**Odour:** mild

**pH: ( °C) 7-11 DIN 51369 (7/1981)**

**Boiling point/range: °C**

**Melting point/range: °C**

**Flash point: > 100 °C ASTM D93-80**

**Density: ( 20 °C) 1.04 kg/m<sup>3</sup> DIN 51757/7 (1/1984)**

**Water solubility ( 20 °C) emulsive.**

**Freezing point (C):**

-18

**Water Solubility:**

soluble

**Fat Solubility:**

Not determined

## 10. STABILITY AND REACTIVITY

### **Stability: Conditions to avoid:**

Stable under recommended storage conditions. Not applicable.

### **Materials to avoid: Hazardous decomposition products:**

Incompatible with strong acids and oxidizing agents. In the event of fire carbon oxides & smoke may be formed.

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## 11. TOXICOLOGICAL INFORMATION

Description of possible hazardous to health effects is based on experience and/or toxicological characteristics of several components.

### **Inhalation: - Skin contact:**

Not harmful. Inhalation of product can occur in applications where high mist levels are generated. Concentrations of mist in the working atmosphere must be kept as low as possible.

Local regulations should be followed.

Not a primary irritant. Mild skin irritation (redness and dryness of hands) may be experienced when the product has been contaminated by dissolved metals and/or

**Metal** fines. When problems occur, use of oil resistant barrier creams may be a temporary control measure.

### **Eye contact: - Ingestion:**

Not a primary irritant. May cause stinging sensation in eye.

Not orally toxic.

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## 12. ECOLOGICAL INFORMATION

Do not allow material to contaminate ground water system.

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## 13. DISPOSAL CONSIDERATIONS

Disposal procedures must comply with local regulations.

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## 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

**UN-No:** -

**ADR/RID**

**Class:** -

**IMO**

**Class:** -

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## 15. REGULATORY INFORMATION

The product does not need to be labeled in accordance with EC directives or respective national laws.

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## 16. OTHER INFORMATION

Directive 91/155/EU

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.