

## MATERIAL SAFETY DATA SHEET

### GC ANTIFREEZE MEG BS 6580

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifier

- Product Name: GC ANTIFREEZE MEG BS 6580

##### 1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: Antifreeze

- Use advised against: Do not use in any other application., For specific application information consult Technical Data Sheet.

##### 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: CMT Equipment LTD T/A CMT Group

- Address of Supplier: Riverbridge House  
Anchor Boulevard  
Dartford, Kent  
DA2 6SL

- Telephone: 0208 311 1144

- Email: compliance@cmt.co.uk

#### SECTION 2: Hazards identification

##### 2.1 Classification of the substance or mixture

- Classification under CLP: Acute Tox. 4: H302

- Most important adverse effects: Harmful if swallowed.

##### 2.2 Label elements

- Hazard statements: H302: Harmful if swallowed.

- Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

##### Precautionary statements:

P264: Wash hands thoroughly after handling.

P301+312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P270: Do not eat, drink or smoke when using this product.

P330: Rinse mouth.

P501: Dispose of contents/container to in accordance with local regulations.

##### 2.3 Other hazards

This product is not identified as a PBT/vPvB substance.

**SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

Hazardous ingredients:

ETHYLENE GLYCOL - REACH registered number(s): 01-2119456816-28-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-473-3	107-21-1	-	Acute Tox. 4: H302	70-90%

DISODIUM TETRABORATE PENTAHYDRATE - REACH registered number(s): 01-2119490790-32-XXXX

215-540-4	12179-04-3	-	Repr. 1B: H360FD	<1%
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**SECTION 4: First aid measures**

## 4.1 Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

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

Eye bathing equipment should be available on the premises.

**SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

## SECTION 5: Firefighting measures (....)

5.2 Special hazards arising from the substance or mixture  
In combustion emits toxic fumes.

5.3 Advice for firefighters  
Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures  
Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions  
Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up  
Do not discharge into drains or rivers. Contain the spillage using bunding.

6.4 Reference to other sections  
Refer to section 8 of SDS

## SECTION 7: Handling and storage

7.1 Precautions for safe handling  
Avoid the formation or spread of mists in the air. Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

7.2 Conditions for safe storage, including any incompatibilities  
Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3 Specific end use(s)  
No data available

## SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Hazardous ingredients

ETHYLENE GLYCOL

Workplace exposure limits

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	52 mg/m <sup>3</sup>	104 mg/m <sup>3</sup>	-	-

## SECTION 8: Exposure controls/personal protection(....)

### DNEC/PNEC Values

No data available

### 8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.  
Respiratory protection: Respiratory protection not required.  
Hand protection: Protective gloves.  
Eye protection: Safety goggles. Ensure eye bath is to hand.  
Skin protection: Protective clothing.

## SECTION 9: Physical and chemical properties

- Appearance:	Blue		
- Physical state:	Liquid		
- Odour:	Odourless		
- Evaporation rate:	No data available		
- Oxidising:	No data available		
- Solubility in water:	Miscible		
- Viscosity:	No data available		
- Boiling Point/Range:	No data available	Melting Point/Range:	No data available
- Flammability limits % lower:	No data available	Upper:	No data available
- Flashpoint:	>93°C	Part.coeff. n-octanol/water:	No data available
- Autoflammability:	No data available	Vapour Pressure	No data available
- Relative density:	1.102	pH:	No data available
- VOC g/l:	No data available		

### 9.2 Other information

- No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- Hazardous reactions will not occur under normal transport or storage conditions.  
- Decomposition may occur on exposure to conditions or materials listed below.

### 10.4 Conditions to avoid

- Heat

## SECTION 10: Stability and reactivity

### 10.5 Incompatible materials

- Strong oxidising agents.

### 10.6 Hazardous decomposition products

- In combustion emits toxic fumes.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Hazardous ingredients:

ETHYLENE GLYCOL

IVN	RAT	LD50	3260	mg/kg
ORL	MUS	LD50	5500	mg/kg
ORL	RAT	LD50	4700	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated

Symptoms / routes of exposure

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	No symptoms.

## SECTION 12: Ecological information

### 12.1 Toxicity

- No data available

### 12.2 Persistence and degradability

- Biodegradable

### 12.3 Bioaccumulative potential

- No bioaccumulative potential

### 12.4 Mobility in soil

- Readily absorbed into soil.

## **SECTION 12: Ecological information (....)**

### 12.5 Results of PBT and vPvB assessment

- This product is not identified as a PBT/vPvB substance.

### 12.6 Other adverse effects

- Negligible ecotoxicity.

## **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal..

## **SECTION 14: Transport information**

Transport class: This product does not require a classification for transport..

## **SECTION 15: Regulatory information**

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

Not applicable.

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## **SECTION 16: Other information**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.  
H360FD: May damage fertility. May damage the unborn child.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

--- end of safety datasheet ---