

## EC MATERIAL SAFETY DATA SHEET.

### 1. Product and Manufacturer Identification:

Trade Name: **Breeze**

Manufacturer: Microchem Limited  
Belmont Industrial Estate  
Durham  
DH1 1TN  
Tel: 0191 3869988  
Fax: 0191 3862722  
e-mail : info@microchem.co.uk

### 2. Composition and Information on Ingredients

Substance Name	Cas number	EINECS	Risk phrase
Ethanol	64-17-5	200-578-6	R11
Non-ionic Surfactant	68131-39-5		R22, 41,50
Benzalkonium chloride	61789-71-7		R21/22,35,50
Non Classified Ingredients and Fragrance To 100%			

### 3. Hazards Identification:

Health Effects - Inhalation:

Inhalation of the vapour in large concentrations may cause narcosis.

Health Effects – Ingestion:

May cause significant systemic effects if swallowed. Signs and symptoms include possible nausea and/or vomiting.

Health Effects – Skin:

Prolonged contact may cause dryness.

Health Effects – Eyes

May cause irritation to eyes accompanied by redness and/or burning, which may be severe with tear formation.

Environmental Effects:

Not expected to cause significant environmental impact.

### 4. First Aid Procedures

Skin Contact: Rinse off product with soap and water.

Eye Contact: Immediately rinse the eye with running water for 10 minutes.

Ingestion: Do not induce vomiting. If swallowing has occurred drink plenty of water and seek medical advice immediately.  
Never give anything by mouth to an unconscious person.

Inhalation: Remove casualty from exposure and allow to rest. Seek urgent medical advice.

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### 5. Fire Fighting Measures

This product is classed as flammable and if involved in fire may emit noxious fumes.  
Extinguish with dry chemical powder, foam, sand or water spray. Avoid using large quantities of water.  
Keep containers cool by water spray.  
Heating may cause pressure rise with risk of container bursting.  
In serious fire it will be necessary to wear compressed air breathing apparatus.

### 6. Accidental Release Measures

Small Spillages:  
Hose down with cold water.

Large Spillages:  
Construct temporary dikes with any suitable inert material to prevent the product spreading.  
Transfer to suitable containers for recovery or disposal.  
Absorb remaining material with sand or other inert material.  
Personal Precautions:  
Wear appropriate protective clothing. See Section 8.  
Material may create slippery conditions underfoot.

Environmental Precautions:  
Try to prevent the material from entering drains or watercourses.  
Advise Authorities if large spillage has entered watercourses or sewer or has contaminated soil or vegetation.

### 7. Handling and Storage

Handling:  
Avoid contact with eyes, and clothing. Prolonged contact with skin may cause dryness.  
Keep container tightly closed when not in use.  
Storage:  
Store away from sources of heat or ignition. No Smoking.  
Store in original containers as supplied by manufacturer.

### 8. Exposure Controls/ Personal Protection

Occupational Exposure Standards:  
No occupational exposure limit listed in current editions of EH40 (UK Health and Safety Executive Threshold Limit Values) (American Conference of Governmental Industrial Hygienists.)  
The following protection is recommended.

Respiratory Protection:	Not normally required in well ventilated areas.
Hand Protection:	Not normally required.
Body Protection:	Not normally required.
Eye Protection:	Avoid contact with eyes.

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### 9. Physical and Chemical Properties

Physical State:	Clear liquid
Colour:	Blue/Green
Odour:	Alcoholic
pH Value:	N/A
Boiling Range/Point:	78 °C
Melting Point:	-114 °C
Flash Point:	>45 °C
Solubility in Water:	Soluble
Density (kg/m <sup>3</sup> )	ca. 850 at 20 <sup>0</sup> C
Viscosity:	1.08 cps

### 10. Stability and Reactivity

Stability:

Stable under normal conditions.

Conditions to avoid:

There is an exothermic reaction with strong acids.

Hazardous Decomposition Products:

None known.

### 11. Toxicological Information

Acute Toxicity:	May be harmful if swallowed.
Irritation Skin:	Prolonged contact with skin should be avoided as it may cause dryness.
Irritation Eyes:	Expected to cause irritation to the eyes.

### 12. Ecological Information

Ecological Overview.	Not expected to cause significant environmental impact.
Mobility:	The product will dissolve in water.
Persistence / Degradability:	The product is readily biodegradable.
Bioaccumulation:	Inappropriate.
Ecotoxicity:	The product is toxic to aquatic organism.

### 13. Disposal

Product Disposal:

When disposing of waste or surplus material avoid contact with the eyes and skin. See Section 8 for personal protection equipment.

Where practical, surplus material should be recovered and recycled.

Dispose of in accordance with all applicable local and national regulations.

Seek advice from local waste authority or supplier for guidance.

Container Disposal:

Labels should not be removed from containers unless thoroughly washed and cleaned.

Dispose of empty containers with care.



**Disclaimer**

The information contained in this document is intended to describe the product only in terms of health & safety and environmental requirements for the purpose of its safe handling, use and disposal and is to the best of the supplier's knowledge and belief correct. It is strongly advised the customer should satisfy themselves (by appropriate testing if necessary) that the product is suitable for their purpose and conditions of use and that their facilities and arrangements are suitable for handling or using the product. This information does not comprise a technical or performance specification for the product.