

## 2.4 External water cooler foam descaler and sanitiser spray MSDS

### 1. Identification of the substance/preparation and the company undertaking

Product Name: External water cooler foam descaler and spray  
Company: Bioguard Hygiene Solutions Ltd  
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### 2. Composition/information on ingredients

Citric Acid <10%.

### 3. Hazards identification

#### **Potential Acute Health Effects:**

Hazardous in case of eye contact (irritant), Slightly hazardous in case of skin contact (irritant, sensitizer), of ingestion. The amount of tissue damage depends on length of contact. Skin contact can produce inflammation and blistering.

#### **Potential Chronic Health Effects:**

Slightly hazardous in case of skin contact (sensitizer).  
Repeated skin exposure can produce local skin destruction or dermatitis.

### 4. First aid measures

Inhalation: Remove to fresh air.  
Eye Contact: Rinse immediately with plenty of water for at least 15 minutes, If soreness persists, seek immediate medical attention.  
Skin Contact: Rinse the affected area thoroughly with water.  
Ingestion: Do not induce vomiting. Remove product from mouth, Give 1-2 glasses of milk/water to drink. Obtain medical attention if a considerable amount has been swallowed.

### 5. Fire-fighting measures

Not flammable. Compatible with water, foam, carbon dioxide and dry powder extinguishers.

### 6. Accidental release measures

Wear suitable gloves and protective clothing. Ensure the area is well ventilated. Hose away with copious amounts of water and run to foul sewer. If this would contaminate a water course or vegetation, absorb spillage with sand or earth. Observe all local requirements.

### 7. Handling and storage

Handling: Do not mix with other chemicals.  
Storage: Store upright in original closed containers at room temperatures not exceeding 20°C. Keep containers tightly closed. Keep out of the reach of children. Do not expose to direct sunlight.

### 8. Exposure controls/personal protection

Eyes: Wearing of safety glasses is recommended.

Hand Protection: Wear solvent resistant gloves.  
Inhalation: Use in a well ventilated area. Avoid breathing vapours

## 9. **Physical and chemical properties**

Appearance:	Straw coloured liquid
Odour:	Slight Chemical Odour
pH:	2.0 – 3.0
Boiling point:	> 100°C
Flash point:	N/A
Flammability (solid/gas):	N/A
Relative Density:	1.0g/cm <sup>3</sup>
Solubility:	100% soluble in water.

## 10. **Stability and reactivity**

Stable, do not mix with other chemicals.

## 11. **Toxicological information**

Eyes:	Splashes to the eyes may cause irritation.
Skin:	Irritation may occur on prolonged contact with the skin.
Ingestion:	May cause gastric irritation.

## 12. **Ecological information**

All surfactants are > 80% biodegradable in line with EU Directives 73/404/EEC and 73/405/EEC as amended.

## 13. **Disposal considerations**

Small spillages can be disposed of into the drainage system. Large spillages should be absorbed with sand or earth and disposed of via a licensed waste disposal contractor. Observe all local requirements.

## 14. **Transport information**

Not classified hazardous for transport by air, road or sea.

## 15. **Regulatory Information**

R36/37/38- Irritating to eyes, respiratory system and skin.  
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37/39- Wear suitable gloves and eye/face protection.

## 16. **Other information**

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith and no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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