

# SAFETY DATA SHEET

MYYY294

## XYREX ICE-ACTIVE

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

Product name : XYREX ICE-ACTIVE Supplier : Xyrex Ltd  
65 RodneySt  
Glasgow G4 9SQ

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### 2. Composition/information on ingredients

Substance/Preparation : Preparation

| Chemical name                                   | CAS No.   | %               | EC Number | Symbol         | R-Phrases         |
|---|-----------|-----------------|-----------|----------------|-------------------|
| 1) sodium chlorite*                             | 7758-19-2 | <2.4            |           | O, Xn          | R8, R22, R32, R41 |
| 2) Non-hazardous inorganic stabilising buffers. |           | 0.02 -0.04% w/w |           | Not classified |                   |
| 3) Non-hazardous inorganic salts                |           | 0.5 – 1.0% w/w  |           | Not classified |                   |

\* Occupational Exposure Limit(s), if available, are listed in Section 8

CAS No. Mixture.  
EINECS Number Mixture.

### 3. Hazards identification

Physical/chemical Hazards : Contact with combustible material may cause fire.  
Human health hazards : Contact with acids liberates very toxic gas.

### 4. First-aid measures

#### First-Aid measures

**Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

**Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin contact** : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.

**Eye Contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

#### Effects and symptoms

**Inhalation** : Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath. Overexposure by inhalation may cause respiratory irritation.

**Ingestion** : May be fatal if swallowed. May cause burns to mouth, throat and stomach. Harmful if swallowed.

**Eye Contact** : Corrosive to eyes. This product is a severe eye irritant.

**Aggravating conditions** : Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation, leading to frequent attacks of bronchial infection.

### 5. Fire-fighting measures

#### Extinguishing Media

**Suitable** : Oxidizing Material  
Do not use water jet. Use flooding quantities of water. Avoid contact with organic materials.

**Special fire-fighting procedures** : Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

**Protection of fire-fighters** : Be sure to use an approved/certified respirator or equivalent.

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## 6. Accidental release measures

|  |  |
|--|--|
| <b>Personal Precautions</b>                          | : Splash goggles. Protective overalls/suit. Boots. Gloves. Select appropriate protective clothing for the size of the spillage.  |
| <b>Environmental precautions and cleanup methods</b> | : Corrosive liquid. Oxidizing Material<br>Stop leak if without risk. Absorb with dry earth, sand or other noncombustible material. Do not get water inside container. Avoid contact with a combustible material (wood, paper, oil, clothing, etc.). Keep substance damp using water spray. Do not touch spilled material. Use water spray curtain to divert vapour drift. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Dispose of according to all federal, state and local applicable regulations. |

## 7. Handling and storage

|                                   |  |
|-----------------------------------|--|
| <b>Handling</b>                   | : Keep container dry. Keep away from heat. Keep away from sources of ignition. Keep away from combustible material. Empty containers may still contain significant residual amounts of the product. Ground all equipment containing material. Do not breathe gas/fumes/vapour/spray. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. |
| <b>Storage</b>                    | : Keep container tightly closed. Keep container in a cool, well-ventilated area. Separate from acids, alkalies, reducing agents and combustibles. Separate from acids, alkalis, reducing agents and combustibles. See NFPA 43A, Code for the Storage of liquid and Solid Oxidizers.  |
| <b><u>Packaging materials</u></b> |  |
| <b>Recommended use</b>            | : Use original container.  |

## 8. Exposure controls/personal protection

|  |   |
|--|---|
| <b>Engineering measures</b>            | : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations and safety showers are close to the workstation location. |
| <b>Hygiene measures Occupational</b>   | : Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.  |
| <b>Exposure Limits <u>Personal</u></b> | : Not available.  |
| <b><u>protective equipment</u></b>     |   |
| <b>Respiratory system</b>              | : Wear appropriate respirator when ventilation is inadequate.   |
| <b>Skin and body</b>                   | : Protective overalls/suit.   |
| <b>Hands</b>                           | : Impervious gloves.  |
| <b>Eyes</b>                            | : Face shield.  |

## 9. Physical and chemical properties

|                       |                         |
|-----------------------|-------------------------|
| <b>Physical state</b> | : Liquid.               |
| <b>Colour</b>         | : Clear to yellow tinge |
| <b>Odour</b>          | : Not available.        |
| <b>Density</b>        | : Not available.        |
| <b>Solubility</b>     | : Not available.        |
| <b>pH</b>             | : 12-13.                |
| <b>Flash point</b>    | : Not available.        |

## 10. Stability and reactivity

|                  |                          |
|------------------|--------------------------|
| <b>Stability</b> | : The product is stable. |
|------------------|--------------------------|

## 11. Toxicological information

|                             |   |
|-----------------------------|---|
| <b><u>Local effects</u></b> |   |
| <b>Acute toxicity</b>       | : LD50: Not available.<br>LC50: Not available.  |
| <b>Chronic toxicity</b>     | : Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation, leading to frequent attacks of bronchial infection. |

## 12. Ecological information

Ecotoxicity : Not available.

## 13. Disposal considerations

Methods of disposal ; Waste of residues ; Contaminated packaging : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Classification : Not applicable.

## 14. Transport information

### International transport regulations

UN : UN number 1908  
 UN : Proper shipping name CHLORITE SOLUTION  
 UN : Packing group II  
 UN : Label



ADR/RID : Class 8  
 IMDG : Proper shipping name CHLORITE SOLUTION  
 IMDG : Packing group II

IATA : Proper shipping name CHLORITE SOLUTION  
 IATA : Packing group II  
 IATA : Additional Information

## 15. Regulatory information

### EU Regulations

Hazard symbol(s)



Classification : Oxidizing  
 Risk Phrases : R8- Contact with combustible material may cause fire.  
 R32- Contact with acids liberates very toxic gas.  
 Safety Phrases : S2- Keep out of the reach of children.  
 Product Use : Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.  
 - Consumer applications.

## 16. Other information

### HISTORY

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 Prepared by : Michael Hale / Alistair Hunter

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