



## Health & Safety Information: M28 Powder

REFERENCE: HS 7 ISSUE NO: Three  
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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

**Product Name:** Croda Kerr's Centrimax BC/BC30/BC30S Powder  
**Application:** Fire Extinguishing Agent  
**Company:** Chase Fire  
**Address:** Chandos Pole St, Derby DE22 3BJ  
**Telephone (24 hrs):** 01785 252568 **Fax:** 01332 203721

### 2. COMPOSITION/INFORMATION ON THE INGREDIENTS

| Ingredients     | CAS Number | EINECS Number |
|-----------------|------------|---------------|
| Sodium Chloride | 7647-14-5  | 2315983       |

### 3. HAZARDS IDENTIFICATION

Large doses may cause irritation of the stomach and an increase in blood pressure.

### 4. FIRST AID MEASURES

#### 4.1 Contact with the eyes

Irrigate with water for at least 10 minutes holding eyelids apart.

#### 4.2 Contact with the skin

Wash off with plenty of water.

#### 4.3 Inhalation

Move to fresh air.

#### 4.4 Ingestion

Rinse mouth with water and give plenty of water to drink.

If other symptoms persist seek medical advice and treat symptomatically.



## 5. FIRE FIGHTING MEASURES

No special measures required, as this product is a fire extinguishing medium.

## 6. ACCIDENTAL RELEASE MEASURES

Clear up spillage and transfer to a container for recovery or disposal. Vacuum cleaning is recommended to minimise dust formation.

## 7. HANDLING AND STORAGE

**Handling:** When handling this product use suitable containment methods to avoid generation of dust and local exhaust ventilation to limit personal exposure.

**Storage:** Keep cool and dry in the absence of vibration. Maintain good housekeeping practice.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure standards:

United Kingdom OES: 10mg/m<sup>3</sup> total dust: 5mg/m<sup>3</sup> respirable dust  
8 hour time weighted averages. (Ref: EH40/96)

**Personal Protection:** Water suitable respiration protection e.g. dust mask/respirator to resource personal exposure to below OES.

Overalls, gloves and eye protection recommended for regular handling and the normal hygiene measures adopted when using chemicals.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                       |  |
|-----------------------|--|
| <b>Appearance:</b>    | Fine powder  |
| <b>Odour:</b>         | Odourless  |
| <b>pH:</b>            | Approx. 6.0 of 5% solution in water                      |
| <b>Density:</b>       | Settled apparent density 1000 - 1300 kg/m <sup>3</sup>   |
| <b>Solubility:</b>    | Soluble in water but silicon additive delays dissolution |
| <b>Flammability:</b>  | Non-flammable  |
| <b>Decomposition:</b> | at 800°C in flame zone                                   |



**10. STABILITY AND REACTIVITY**

If powder becomes damp or hard it is not suitable for fire fighting purposes.

**11. TOXICOLOGICAL PROPERTIES**

Data on acute toxicity Oral, rat, LD<sub>50</sub> eye, rabbit, severe irritation

Sodium chloride 3000mg/kg 100mg/24 hours

**Ingestion:** Harmful, moderately toxic

**Skin contact:** Mild Irritant

**Inhalation:** Long term inhalation of dust may impair lung function

**Eye contact:** Dust may cause irritation

**12. ECOLOGICAL INFORMATION**

Because product is soluble in water it could affect watercourses. In the event of large spillage, advise appropriate authority.

**13. DISPOSAL CONSIDERATIONS**

Dispose of surplus product or contaminated packaging according to local and national legislation..

**14. TRANSPORT INFORMATION**

Not classified as hazardous for transport.

**15. REGULATORY INFORMATION**

Not classified under Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 as hazardous. Refer to Health and Safety at Work Act and the Control of Substances Hazardous to Work Regulations. This material safety data does not constitute the user's own assessment of workplace risk as required by the above regulations. The Manual Handling Operations Regulations may be applicable to certain pack sizes of this product.

**16. OTHER INFORMATION**

The information in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on safety health and environment aspects of the product and should not be construed as any guarantee of performance. The product should not be used for purposes other than fire-fighting without first referring to the supplier. The user is responsible for ensuring that requirements of relevant legislation are complied with.