

Material Safety Data Sheet

Chemical product and company identification

Trade name: Centrimax M28
Product Application: Fire extinguishing powder
Manufacturer: Croda Fire Fighting Chemicals Ltd Ashcroft Road Knowsley
Ind Park Kirkby Liverpool L33 7TS United Kingdom
Telephone: + 44 (0) 151 548 6424 Fax: + 44 (0) 151 548 7263

Composition and ingredient information

Component name	CAS No	EINECS No
Sodium Chloride	7647-14-5	2315983

Risk/Safety Phrases

Xi	R22/36/37/38 S24/25 S37/39
----	----------------------------------

Hazard identification

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

First aid measures

Inhalation: Move to fresh air
Skin contact: Wash off with plenty of water
Eye contact: Irrigate with fresh water for at least ten minutes holding eyelids apart
Ingestion: Rinse mouth with water and give plenty of water to drink.
If other symptoms persist seek medical advice and treat symptomatically.

Fire fighting measures

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

Accidental release measures

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

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.

Material Safety Data Sheet

Centrimax M28

Exposure controls and personal protection

Occupational exposure standards:

United Kingdom OES: 10mg/m³ total dust: 4mg/m³ respirable dust
8-hour time weighted averages. (Ref: EH40/98)

Personal Protection: Wear suitable respiratory protection eg dust mask/respirator to reduce personal exposure to below OES.
Overalls, gloves and eye protection recommended for regular handling and the normal hygiene measures adopted when using chemicals.

Physical and chemical properties

Appearance: Fine powder
Odour: Odourless
pH: Approx. 6.0 of 5% solution in water
Density: Settled apparent density 1000-1300 kg/m³
Solubility: Soluble in water but silicon additive delays dissolution
Flammability: Non-flammable
Decomposition: at 800° in flame zone

Stability and reactivity

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

Toxicological properties

Data on acute toxicity Oral, rat, LD₅₀ eye, rabbit, moderate irritation

Sodium chloride 3000mg/kg 100mg/24 hours

Ingestion: Harmful, moderately toxic
Skin contact: May cause mild irritation
Inhalation: Long term inhalation of dust may cause irritation to the mucous membrane.
Eye contact: Dust may cause irritation

Ecological information

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

Material Safety Data Sheet

Centrimax M28

Disposal considerations

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

Transport information

Not classified as hazardous for transport.

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 sheet 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.

Mandatory labelling not applicable (EEC directive 67/548/EEC).

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 environmental 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.

Further information may be obtained from the following Health and Safety Executive publications:

- | | |
|------|--|
| EH40 | Occupational Exposure Limited (updated annually) |
| EH44 | Dust: General principles of protection |
-