

# FIRE SERVICES & SUPPLIES



44 Culm Lea Cullompton Devon EX15 1NJ

Mobile: 07545 097968 Website: <http://www.Fire-Services.co.uk> Email: info@Fire-Services.co.uk

Company Registration No: 6808735

<b>PRODUCT SAFETY DATA SHEET: Centrimax ABC Powder (All grades)</b>	
ISSUE NO:	1
AUTHORISED:	
DATE:	January 2000
<b>1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING</b>	
Product Name:	Croda Kerr's Centrimax ABC Powders (All grades)
Application:	Fire Extinguishing Agent
<b>2) COMPOSITION/INFORMATION ON THE INGREDIENTS</b>	
<b>Ingredients</b>	<b>CAS Number</b> <b>EINECS Number</b>
Mono Ammonium Phosphate	7722-76-1      231-764-5
Ammonium Sulphate	7783-20-2      231-984-1
<b>3) HAZARDS IDENTIFICATION</b>	
No known acute health effects	
<b>4) FIRST AID MEASURES</b>	
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.
<b>5) FIRE FIGHTING MEASURES</b>	
No special measures required, as this product is a fire extinguishing medium	
<b>6) ACCIDENTAL RELEASE MEASURES</b>	
Clear up spillage and transfer to a container for recovery or disposal. Vacuum cleaning is recommended to minimise dust formation.	
<b>7) HANDLING AND STORAGE</b>	
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.
<b>8) EXPOSURE CONTROLS AND PERSONAL PROTECTION</b>	
<b>Occupational exposure standards</b>	
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)
<b>Personal Protection</b>	Wear 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
<b>9) PHYSICAL AND CHEMICAL PROPERTIES</b>	
Appearance	Fine, pink powder
Odour	Odourless
pH	4.5 of 5% solution in water
Density	Settled apparent density 1000 - 1300



# FIRE SERVICES & SUPPLIES



44 Culm Lea Cullompton Devon EX15 1NJ

Mobile: 07545 097968 Website: <http://www.Fire-Services.co.uk> Email: info@Fire-Services.co.uk

Company Registration No: 6808735

	kg/m <sup>3</sup> ; loose density 1.8g/m <sup>3</sup>
Solubility	Soluble in water but silicon additive delays dissolution
Flammability	Non-flammable
Decomposition	at 190C in flame zone
<b>10) STABILITY AND REACTIVITY</b>	
Reacts with alkalis to liberate ammonia. If powder becomes damp or hard it is not suitable for fire fighting purposes.	
<b>11) TOXICOLOGICAL INFORMATION</b>	
Data on acute toxicity	Oral, rat, LD <sub>50</sub>
	Skin irritation
Ammonium Sulphate	Not irritant
Mono Ammonium Phosphate	3000mg/kg
Ingestion	3000mg/kg
Skin contact	Practically non-harmful
Inhalation	Mild Irritant
Eye contact	Long term inhalation of dust may impair lung function
Other Data	Dust may cause discomfort or irritation
	None
<b>12) ECOLOGICAL INFORMATION</b>	
Because product is soluble in water it could lower the pH if washed into watercourses. In the event of large spillage, advise appropriate authority. Note: ammonium salts and phosphates act as plant nutrients.	
<b>13) DISPOSAL CONSIDERATIONS</b>	
Dispose of surplus product or contaminated packaging according to local and national legislation. Do not dispose with alkalis	
<b>14) TRANSPORT INFORMATION</b>	
Not classified as hazardous for transport	
<b>15) OTHER INFORMATION</b>	
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.	
<b>16) OTHER INFORMATION</b>	
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. Further information may be obtained from the following Health and Safety Executive publication: EH40 Occupational Exposure Limits (updated annually) EH44 Dust: General principles of protection	

