

MATERIAL SAFETY DATA SHEET - WET CHEMICAL

1. Identification of product/substance and company

Product Identifier	Wet Chemical
Trade Name	
Chemical Description	
Chemical Formula	
Registration No.	
Use	Fire extinguishing agent

2. Hazards Identification

For Humans	
Product:	
EU Classification	Xi – Irritant
R-Phrases	22 Harmful if swallowed 36/37/38 Irritating to eyes, respiratory system and skin
S-Phrases	26 In case of contact with eyes, rinse immediately with water and seek medical advice. 36 Wear suitable protective clothing

3. Composition & Information on Ingredients

Reach No.	CAS No.	Ingredients	%	EU Classification
231-764-5	7722-76-1	Ammonium dihydrogen phosphate	>95	R22, R36/37/38
231-984-1	7783-20-2	Ammonium sulphate	>95	R36/37/38
N/A	N/A	Other non-hazardous materials	>95	N/A

4. First Aid Measures

Contact with Skin	Wash off the skin using plenty of water.
Contact with Eyes	Hold eyelids apart and irrigate for a minimum of 15 minutes.
Inhalation	Remove affected person to fresh air and rest.
Ingestion	Rinse from the mouth with water and give affected person plenty of water to drink. Do not induce vomiting. Seek medical advice.

5. Fire Fighting Measures

The product is a fire extinguishing agent. No special precautions are required.

6. Accidental Release Measures

Absorb onto earth, ash, sawdust or other absorbent material. Scoop the absorbed substance into sealable containers. Clean area with plenty of water.

7. Handling & Storage

Handling	General good housekeeping procedures.
Storage	Keep the product in a cool dry place in original sealed containers or an approved system.

8. Personal Protection & Exposure Controls

Personal Protection	
Eye Protection	Wear suitable goggles
Respiratory Protection	Not required
Skin/General Protection	Wear overalls or splash-proof clothing and gloves suited to the task
Exposure Standards (UK)	
Occupational exposure limits	
Neither this preparation nor the substances contained in it have been listed as carcinogenic by National Toxicology Program I.A.R.C. or OSHA.	

9. Physical & Chemical Properties

Appearance	Light orange liquid
Odour	Mild, pleasant synthetic smell
Freezing Point	-20°C
Boiling Point	100°C
Flash Point	Non-flammable
Autoignition	Non-flammable
pH	6.0 / 8.0
Explosive Properties	None
Solubility in Water	Readily soluble in water
Density at 20°C (kg/m ³)	1040 ±20
Oxidising Properties	Not an oxidiser
Vapour Pressure	Not applicable

10. Stability & Reactivity

Stability	Stable
Hazardous decomposition products	Normally stable. Hazardous polymerization will not occur

11. Toxicological Information

Test Data	No data available at present
Acute toxicity	None expected
Local effects on eye and skin	Irritating to eyes and skin as a concentrate Not irritant at recommended concentration of use

12. Ecological Information

Ecotoxicity	Foaming agent if discharged in water Per Fluorinated Organic Compounds persist in environment. PFCs are suspected to bio-accumulate in living beings
Chemical Oxygen Demand	194mg O ₂ /g
Biological Oxygen Demand	139mg O ₂ /g
Global warming potential	None

13. Disposal Considerations

Suitable for landfill

14. Transport Information

Substance ID No.	None
Correct Shipping Name	Not applicable
Land Transport	Not classified
Marine Transport	Not classified
Air Transport	Not classified

15. Regulatory Information

EC Classification	Harmful
Hazard Symbol	Xi
R-Phrases	22 Harmful if swallowed 36/37/38 Irritating to eyes, rinse immediately with water and seek medical help
S-Phrases	26 In case of contact with eyes, rinse immediately with water and seek medical help 36 Wear suitable protective clothing

16. Other Information

This product should not be used for purposes other than fire-fighting without obtaining written authorisation from the supplier named in paragraph 1. It is the user's responsibility to maintain compliance with all relevant, current legislation when using, transporting, storing, and handling this product. HSE publications EH40 and EH44 apply.