

SAFETY DATA SHEET

1 PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME	PENTSPRAY
Recommended use	Additive for extinguishers
MANUFACTURER	ABC MACINTOSH
* Address	Bleak Hall Farm, Bleak Lane, Hoscar Moss, LATHOM, Nr. ORMSKIRK L40 4BP – ENGLAND U.K.
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2 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation	Aqueous solution of ammonium phosphate and nitrogeuous compounds
Hazardous components	/

3 HAZARDS IDENTIFICATION

Health hazards	/
Physical and chemical hazards	Not flammable
Specific risks	This product is not classified hazardous under European directive 1999/45/EC

4 FIRST AID MEASURES

After skin contact	Wash off with water. Remove contaminated soaked clothing and rinse with water
After eye contact	Flush eye with plenty of water for at least 10 minutes
After swallowing	Wash mouth with water. Seek medical advice should pain occur and persist

5 FIRE FIGHTING MEASURES

Extinguishing media	Not flammable
Protective equipment for fire fighters	Aqueous solution ; not to burn when exposed to heat

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear a respiratory equipment, gloves and goggles
Environmental protection	Absorb onto sand or other absorbent material and shovel into container for disposal
CLEANING MEASURES	
* Collecting	Pump into clearly identified unbreakable containers
* Cleaning	Wash thoroughly with water
* Disposal	Incineration according to local regulations

7 HANDLING AND STORAGE

HANDLING	Avoid to breathe vapours
STORAGE	
* Technical measures	Storage area should contain accidental spill
* Storage conditions	Sealed containers in normal cool warehouse
* Storage recommendations	Tanks in PE, PP
Packaging material	
* Recommended	Polyethylene, Polypropylene
* Not advised	Mild steel, iron, aluminium, copper and its alloys
* Recommended sealing	Viton, Kevlar, Teflon

8 EXPOSURE CONTROL AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT	
* Hand protection	Impermeable gloves (PVC) if continual handling
* Eye protection	Goggles
* Body protection	Working clothes
* Respiratory protection	Breathing equipment
HYGIENIC MEASURES	DO NOT eat, drink or smoke while handling the product. Clean hands after working

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9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

* Physical form	Liquid
* Colour / Odour	Orange, faint ammonia smell
PH at 10% vol.	8.0 +/- 1.0
Freezing point	- 14 °C
Boiling point	> + 105 °C
Flammability / oxidising / explosive properties	None
Specific gravity at 20 °C	1180 +/- 20 Kg / m ³
Solubility	Completely soluble in water

10 STABILITY AND REACTIVITY

Thermal decomposition	Stable under normal conditions of use and storage
Hazardous reactions	Avoid contact with strong oxidising agents. Can generate ammonia

11 TOXICOLOGICAL DATA

Acute toxicity	Not classified as toxic if swallowed
Local effects	Can be persistently irritating to eyes

12 ECOLOGICAL DATA

ENVIRONMENTAL BEHAVIOUR

* Biodegradation data	COD not available BOD5 not available Not expected according to our knowledge
* Bio accumulative	
ECOTOXICITY	
Aquatic life toxicity	Expected to have adverse effects on environment if discharged in big quantities

13 DISPOSAL CONDITIONS

PRODUCT

* Prohibition	Do not discharge in the environment
* Disposal	Small amounts of product do not interfere with water treatment facilities. Big quantities should be treated as chemical waste according to local regulations

PACKAGING

* Prohibition	Do not discharge in the environment
* Cleaning	Rinse with plenty of water
* Disposal	Incineration or an agreed method for package recycling

14 TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS

* Road - RID/ADR	Non hazardous
* Sea - OMI/IMDG	Non hazardous
* Air - ICAO/IATA	Non hazardous

15 REGULATORY INFORMATION

LABELLING

CE regulations	Not classified
* Hazard symbols	/
* S phrases	S20/21 : When using do not eat, drink or smoke

16 OTHER INFORMATIONS

Rules of drafting	This Material Safety Data Sheet complies with ISO 11014-1. It is redacted in accordance to European directive 2001/58/EC
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