



Company:	M P S M & Bull Partnership - HR2 6JF
Substance(s) being Assessed:	Wet Chemical Extinguisher (Aquamist)
Where is substance used?:	Warehouse/Vehicles/Customer Sites
COSHH Reference Number:	Wet Chem Aquamist
Safety Data Sheet Ref. No.:	Wet_Chemical_COSHH
Emergency Contact Number:	01432 373161
Date of Assessment:	07/11/2011

## Wet Chemical Extinguisher (Aquamist)

### What is the substance used for?

Fire fighting equipment to be used Class A and F fires only

### CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification: Fire Fighting Powder

Trade name: Aquamist F - 100

Company: Bull Products

### COMPOSITION/INFORMATION ON INGREDIENTS

There are no hazardous components based upon current legislation.

## Substance Hazards:



## HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation. No known acute health effects when used as intended.

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odour - Slightly OP

PH - 7 + 5

Information changes in the physical state

Boiling point/boiling range: 90 - 110

Melting point/melting range: -35

Decomposition temperature: n/a

Flash point: n/a

Flammability (solid/gas): n/a

Auto-flammability: n/a

Explosion hazard: n/a

Explosive limits: lower - n/a upper - n/a

Oxidizing properties: None

Vapour pressure: +20 C:0.07 1 kPa

Relative density +20 C:1.221kg/L

Solubility: Water solubility - completely soluble Fat solubility - n/a

Partition coefficient (for ingredients): n-octanol/water - n/a

Viscosity: 2728 cps @ degree C

## STABILITY AND REACTIVITY

Conditions to avoid: None. Materials to avoid: None. Hazardous decomposition products: None

## Workplace Exposure Limit:

n/a

## Routes of Exposure:



## EXPOSURE CONTROLS

Technical measures for exposure controls: n/a. Limit values for workplace air: None. HTP values: n/a. Other information: none

## TOXICOLOGICAL PROPERTIES

Acute toxicity: LD50:>5000mg/kg (oral), OECD. Irritancy and corrosiveness: n/a. Sensitisation: None. Sub acute, sub chronic and prolonged toxicity: None. Empirical data on effects on humans: No irritation. Other information on health effects: None.

## ECOLOGICAL INFORMATION

Persistence in the environment: None

Biodegradation biodegradable: Biodegradable

Chemical degradation: N/A

Bioaccumulations: None

Mobility: N/A

Toxic effects on organisms

Aquatic toxicity: None known

Other toxicity: Non toxic at expected quantities in nature

## Who might be harmed?

All Staff

## Control Measures:



## First aid and Fire:



### FIRST AID MEASURES

Special Instructions - None

Inhalation - None

Skin Contact - If any irritation occurs rinse with water

Eye Contact - If any irritation occurs irrigate with water

Ingestion - If large volumes are swallowed, as a precaution, induce vomiting

Information to doctor or other trained persons giving first aid - no general danger to health under normal use

### FIRE FIGHTING MEASURES

NOTE - THIS IS AN EXTINGUISHING AGENT. No specific measures as this product is a fire extinguishing medium. If product containers are involved in fire then suitable extinguishing media should be applied.

## Storage, Disposal & Spillage:



### ACCIDENTAL RELEASE MEASURES

None

### HANDLING AND STORAGE

Handling: No special handling precautions, other than weight factors

Storage: Recommended temperature 0°C - 50°C

### DISPOSAL CONSIDERATIONS

Dilute with excess amounts of water

NOTE: As a service to our customers, BULL PRODUCTS has recycling facilities in place for the disposal of all extinguishers. If required please contact us on 01432 371170 to request that arrangements be made.

### TRANSPORT INFORMATION

Shipping Information: Not classified as hazardous for transport.

### OTHER REGULATORY INFORMATION

None.

## Personal Protective Equipment:



### PERSONAL PROTECTION

Personal protective equipment: none

Special instruction for protection and hygiene: No special protection required

Respiratory protection: none

Hand protection: none

Eye protection: Safety glasses} - sensitive skin/eyes

Skin Protection: Barrier cream}

The calculated risk factor for this task/operation is **3** (Probability: 1 x Severity: 3)

This is classed as a **LOW** risk

**Additional Measures:**

None Required

**Operating Procedures:**

REGULATORY INFORMATION

Risk phrases: Not classified. Safety phrases: S-22 do not breathe dust

OTHER INFORMATION

None

**Review Date:** 07/11/2012

**Name of Assessor:** Ann-Marie Bishop

**Position:** HR, Quality, H & S Manager

**Signature/s:** *AMB*.....

**Date:** *11/11/2011*.....