



Company:	M P S M & Bull Partnership - HR2 6JF
Substance(s) being Assessed:	Powder Extinguisher (Monnex)
Where is substance used?:	Warehouse/Vehicles/Customer Sites
COSHH Reference Number:	Dry Powder
Safety Data Sheet Ref. No.:	Monnex Power MSDS
Emergency Contact Number:	01432 373161
Date of Assessment:	04/11/2011

Powder Extinguisher (Monnex)

What is the substance used for?

Fire fighting equipment to be used Class B and C fires only.

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification: Fire Fighting Powder

Trade name: Monnex

Company: Bull Products

COMPOSITION/INFORMATION ON INGREDIENTS

There are no hazardous components based upon current legislation. Please see section for further respirable dust information.

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: Off white powder

Odour: Slightly ammoniacal

pH: 8 - 9 of 10% soluble in water

Density/Specific Gravity: Settled apparent density 950 - 1100 kg/m³

Solubility: Soluble in water but silicon additive delays dissolution

Flammability: Non-Flammable

Decomposition: at 270°C in flame zone

STABILITY AND REACTIVITY

Stability: Normally stable

Conditions to avoid: Avoid contact with acids. Avoid contact with water. Avoid contact with strong oxidisers.

Workplace Exposure Limit:

See Exposure Controls

Routes of Exposure:



EXPOSURE CONTROLS

Ingredient comments: Product contains respirable Silica which has a MEL of 0.3mg/m³ (8 hour TWA)

TOXICOLOGICAL PROPERTIES

Toxic dose - LD 50: Monnex >4000 mg/kg (oral rate)

Ingestion: May cause discomfort if swallowed

Skin contact: Prolonged or repeated exposure may cause irritation

Inhalation: Dust may irritate respiratory system or lungs

Eye contact: Particles in the eyes may cause irritation and smarting.

ECOLOGICAL INFORMATION

Mobility: Soluble in water therefore it could increase the PH if washed into watercourses.

Bioaccumulation: Low potential for bioaccumulation.

Degradability: Not readily biogradable.

Acute Fish Toxicity: Not toxic at limit of water solubility. In the event of large spillage, advise appropriate authority.

Who might be harmed?

All Staff

Control Measures:



First aid and Fire:



FIRST AID MEASURES

Inhalation - Remove casualty from exposure. Provide rest, warmth and fresh air.

Skin Contact - Wash with soap and water.

Eye Contact - Flush with large amounts of water, for at least 15 minutes while lifting the eye lids. If irritation persists, seek medical attention.

Ingestion - Rinse mouth with water and give plenty of water to drink. Do not induce vomiting.

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

Do not allow to enter public sewers and watercourses. If contamination of draining systems or watercourses is unavoidable, immediately inform appropriate authorities, Shovel into dry containers. Cover and move the containers. Vacuum cleaning is recommended to minimise dust formation. Flush the area with water.

HANDLING AND STORAGE

Handling: When handling this product use suitable containment methods to avoid generation of dust with local exhaust ventilation to limit personal exposure.

Storage: Keep cool and dry in the absence of vibration. Maintain good housekeeping practice, store away from sodium hypochlorite (bleach).

DISPOSAL CONSIDERATIONS

Disposal methods: Powder or contaminated packaging to be collected, sealed tightly in bags and disposed on approved landfills. do not dispose with acids.

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

Use of gloves, goggles and protective clothing is recommended.

Ventilation: Provide sufficient ventilation for operations causing dust formation.

Respirators: Respiratory protection (P1) must be used if air concentration exceeds an acceptable level.

Protective gloves: No specific hand protection noted but gloves may be still advisable. Used protective gloves made of impermeable material.

Eye protection: Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hygienic work practices: Wash after handling and before eating, smoking and using toilet.

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: 04/11/2012

Name of Assessor: Ann-Marie Bishop

Position: HR, Quality, H & S Manager

Signature/s: 

Date: 11/11/2011