



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

Wet Chemical Extinguisher (Fatseal)

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 Foam Concentrate

Trade name: Fatseal

Company: Bull Products

COMPOSITION/INFORMATION ON INGREDIENTS

Characteristics: Aqueous solution of surfactants

Hazardous Components: ButylDiGlycol Ether (ButylCarbitol) 5 - 10%, Xi; R36/CAS No: 112:34-5/EINECS No: 203-951-6, AlkylSulfate 1 - 5%, Xi; R36/38, Flurosurfactant 1 - 5%, F; R10

Ethanol 1 - 5%, F; R11/CAS No: 64-17 5/EINECS No: 200-578-6

Substance Hazards:



HAZARDS IDENTIFICATION

Health Hazards - Main symptoms: Irritating to the eyes and skin

Physical and chemical hazards - fire or explosion: Not flammable

Specific risks: This product is classified as Xi: Irritant under European directive 1999/45/EC

PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Solubility liquid

Colour/Odour: Light orange/synthetic smell

pH: 8.0+/-1.0

Freezing point: -15°C

Boiling point: +100°C

Flammability/oxidising/explosive properties: 1040 +/-20 kg/m³

Solubility: Completely soluble in water

STABILITY AND REACTIVITY

Thermal decomposition: Stable under normal conditions of use and storage

Hazardous reactions: None expected in standard use

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

Inhalation - If there are any signs of nausea or sickness, seek medical advice

Skin Contact - Wash off with water, remove contaminated soaked clothing and rinse with water.

Eye Contact - Flush eye with plenty of water for at least 10 minutes.

Swallowing: Wash mouth with water. Seek medical advice should pain occur and persist.

FIRE FIGHTING MEASURES

Extinguisher media: Not applicable. Fire fighting foam concentrate.

Protective equipment for fire fighters: Standard equipment against fires.

Portable fire extinguishers: Basic extinguisher operational and risk identification training is minimum requirement. 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

Personal precautions: Wear gloves and goggles.

Environmental protection: Absorb into 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.

HANDLING AND STORAGE

Handling: Standard equipment against chemicals. Storage: Technical Measures: Storage area should contain accidental spill. Storage conditions: Sealed containers in normal cool warehouse. Storage recommendations: Product in bulk; stainless steel; polyester or mild steel protected with epoxy or polyurethane coating. Tanks in PE, PP.

Packaging materials: Recommended - Polyethylene, Polypropylene, stainless steel. Not advised - Mild steel, iron, aluminium, copper and its alloys. Recommended sealing - Viton, Kevlar, Teflon

DISPOSAL CONSIDERATIONS

Product: Prohibition - Do not discharge into the environment. Disposal - Small amounts of product do not interfere with water treatment facilities. If released into sewage system accidentally. It is recommended to restrict where possible and if not, to control a slow flow rate in order to avoid any excess foaming. Big quantities must be treated as chemical waste according to local regulations and any volume of material would be deemed as trade waste under local regulations.

Packaging materials:

Packaging - Do not discharge in the environment. Cleaning - Rinse with plenty of water. Disposal - Incineration or an agreed method for packaging recycling. 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.

Personal Protective Equipment:



PERSONAL PROTECTION

Hand protection: Impermeable gloves (PVC) if continual handling

Eye protection: Goggles

Body protection: Working clothes

Hygienic Measures: Do not eat, drink or smoke while handling the product. Clean hands after working with any chemical products.

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:

OTHER REGULATORY INFORMATION

Labelling: CE Regulations - Classified. Hazard symbol - Xi. R Phrases - R 36/38 - Irritating to the eyes and skin. S Phrases - S 20/21 - When using do not eat, drink or smoke. S 24 - Avoid contact with skin. S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 28 - After contact with skin, wash immediately with plenty of water.

OTHER INFORMATION

Rules of drafting - This Material Safety Data Sheet complies with European directive 1907/2006EC Article 31. R phrases as mentioned: R10 - Flammable. R11 Highly Flammable. R36/38 Irritating to eyes and skin.

Review Date: 07/11/2012

Name of Assessor: Ann-Marie Bishop

Position: HR, Quality, H & S Manager

Signature/s: 

Date: 11/11/2011

