



Chemical Data Sheet

Identification

Product Name: Aerospray (Premix)	Use: a) Fire Fighting
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Basic Ingredients

Material:	Synonyms:	Concentration %	Health Class	CAS No
Di-ethylene glycol monobutyl ether	2-(2-Butoxyethoxy)ethanol	<1	X, R36	112-34-5
Hydrocarbon surfactants		<1	X, R41, 38	142-31-4
Sodium salt		<1	R22, 36,37,38	64-17-5
Fluorosurfactants		<1	X, R36, 37, 38	
Water		Balance		

Hazard Identification

Human health hazards: Not classified as hazardous under CHIP. May cause irritation to eyes, skin & respiratory tract.

First Aid Measures

General:	First aiders should know & take precautions to avoid danger to themselves & the casualty. Take casualty together with material data sheet of this product to hospital or doctor if necessary.
Skin contact:	Wash off skin with warm soapy water. A moisturiser may be used to replenish lost oils. If persistent irritation occurs, obtain medical attention.
Eye contact:	Wash out eyes with plenty of water or eye wash solution & seek medical attention.
Ingestion:	Send casualty to hospital immediately. Do not induce vomiting.
Inhalation:	Remove casualty from exposure. If there is breathing difficulty or cough, keep patient at rest, seated in position of maximum comfort.

Fire Fighting Measures

This product is for fire fighting purposes.

Accidental Release Measures

Personal precautions:	Avoid contact with skin, eyes & clothing. Do not breathe mists or aerosols.
Personal protection:	Wear protective clothing specified for normal operations.
Environmental precautions:	Spillage: The practice of washing spills into drains should be avoided if at all possible & should under no circumstances be allowed without first consulting the local water authority & environment agency.
Clean up method:	Small spillage: Absorb with earth, ash or sawdust for subsequent dry disposal. Spillage's cause slippery floors.

Handling & Storage

Protect from sustained heat. Store in original sealed containers or approved systems. Store in an upright position not more than three high.

Foam concentrates will be used in fire fighting. This process may involve exposure to heat, flame & possibly toxic vapours & fumes. We recommend personal protective equipment designed for use in fire fighting situations should be used.

Exposure Controls & Personal Protection

General precautions:	Use only in well-ventilated areas & follow general good housekeeping procedures. Avoid prolonged, extensive or repeated inhalation or contact to eyes & skin. Wear impervious gloves of an approved type (e.g. neoprene). Wear safety goggles of an approved type (BS 2092).
Hand protection:	
Eye protection:	

Physical & Chemical Properties

Physical state:	Liquid.
Boiling point:	100°C.
Freeze point:	0°C.
Viscosity at 20°C:	2cs.
pH at 20°C:	7.0
Colour:	Clear.
Odour:	Detergent like.
Flammability:	Not flammable.
Solubility:	Miscible with water in all proportions.
Specific Gravity:	1.005.

Stability & Reactivity

Stable up to 100°C. Treat as water & exclude from contact with ant materials, which have violent reactions with water. Do not expose containers to heat or flame. Thermal decomposition of containers &/or products may generate acrid smoke & fumes.

Toxicological Properties

Inhalation:	Inhalation of hazardous amounts is unlikely when used as intended. May cause irritation to respiratory tract when inhaled. Low oral risk when used as intended. May cause nausea, vomiting & diarrhoea when ingested. Low risk if appropriate precaution measures are taken. May cause irritation to eyes or skin.
Ingestion:	
Contact to eyes or skin:	

Ecological Information

Persistence/degradability:	Readily biodegradable.
Bioaccumilation:	Bioaccumilation is unlikely to occur due to metabolism & excretion.
Biodegradation:	Biodegradable: COD 58 mgg
Ecotoxicity:	No data available at present.

**Disposal Considerations**

Waste should be disposed via local authority waste collection service or registered waste carrier. Ensure the destination is a licensed facility.

Local legislation: Control of Pollution Act 1974, Environmental Protection Act 1990, Special Waste Regulations 1996.

Transport Information

Label for Conveyance:	No transport warning sign required.
Road:	
UN No:	N/C
Rail:	
Rail Transport Class:	N/C
Sea:	
Sea Transport Class:	N/C EmS No: N/C
Air:	
Air Transport Class:	N/C

Regulatory Information

Label for supply:	None.
UK Regulatory References:	Health & Safety at work Act 1974. Chemicals (Hazard Information & Packaging for Supply) Regulations 1994.
EC Directives:	Substances Directive 67/548/EEC as amended by 69/81/EEC, 70/189/EEC, 73/146/EEC, 79/831/EEC General Preparations Directive 88/379/EEC.
Statutory Instruments:	Chemicals (Hazard Information & Packaging for Supply) Regulations.
Approved code of practice:	Classification & Labelling of Substances & Preparations Dangerous for Supply.
Guidance Notes:	Occupational Exposure Limits EH40/96.

Other Information

The information in this safety data sheet is based on the present state of knowledge & current national legislation. It provides guidance on safety & environmental aspects of the product & should not be construed as any guarantee of performance. The product should not be used for purposes other than fire fighting without first referring to the supplier. The user is responsible for ensuring that requirements of relevant legislation are complied with.

Reference

Thomas Glover & Company, Parkfield house, Manchester Old Road, Middleton, Manchester M24 4DY