

FIRE SERVICES & SUPPLIES



44 Culm Lea Cullompton Devon EX15 1NJ

Mobile: 07545 097968 Website: <http://www.Fire-Services.co.uk> Email: info@Fire-Services.co.uk

Company Registration No: 6808735

PRODUCT SAFETY DATA SHEET: Aerospray Without Ethylene Glycol				
ISSUE NO:	1			
AUTHORISED:				
DATE:	October 2002			
1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING				
Product Name:	Aerospray Without Ethylene Glycol			
Application:	Spray Aerowater Fire Fighting			
2) COMPOSITION/INFORMATION ON THE INGREDIENTS				
Ingredients	CAS Number	Synonyms	Concentration %	Health class
Di-ethylene glycol monobutyl ether	112-34-5	2-(2-Butoxyethoxy) ethanol	<10	Xi , R36
Hydrocarbon surfactants	142-31-4		<10	Xi , R41,38
Sodium salt	64-17-5		<1	R22,36,37,38
Fluorosurfactants			<5	Xi , R36,37,38
Biocide			<0.1	Xi, R43
Water			Balance	
3) HAZARDS IDENTIFICATION				
Important Hazards				
Human health hazards: Irritating to eyes, skin and respiratory tract. May cause sensitisation by skin contact				
4) FIRST AID MEASURES				
First aiders should know and take the precautions appropriate to avoid danger to themselves and the casualty. Take casualty together with material safety data sheet of this product to hospital or doctor, if necessary				
4.1) Contact with the Eye	Wash out eyes with plenty of water or eye wash solution and seek medical attention.			
4.2) Contact with the skin	Wash off with warm soapy water. A moisturiser may be used to replenish lost oils. If persistent irritation occurs, obtain medical attention			
4.3) Inhalation	Remove casualty from exposure. If there is breathing difficulty or cough, keep patient at rest, seated in position of maximum comfort.			
4.4) Ingestion	Send casualty to hospital immediately. If ingestion is suspected, do not induce vomiting.			
5) FIRE FIGHTING MEASURES				
General Hazards	N/A This product is for fire fighting purposes.			
6) ACCIDENTAL RELEASE MEASURES				
Personal precautions	Avoid contact with skin, eyes and clothing. Do not breathe mists, 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 and should under no circumstances be allowed without first consulting the local Water Authority and the Environment Agency.			
Clean-up methods – small spillage	Absorb with earth, ash or sawdust for subsequent dry disposal. Place in a labelled, sealable container for subsequent			



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	safe disposal. Spillages cause slippery floors
7) HANDLING AND STORAGE	
Handling	Protect from sustained heat. Store in original sealed containers or approved systems. Store in an upright position not more than three high.
Personal Protective Equipment - Fire Fighting	The foam concentrates will be used in fire fighting. This process may involve exposure to heat, flame and possibly toxic vapours and fumes. We recommend that appropriately designed personal protective equipment designed for use in fire fighting situations should be used
8) EXPOSURE CONTROLS AND PERSONAL PROTECTION	
General precautions	Use only in well ventilated areas and follow general good housekeeping procedures
Personal Protective Equipment	
Other Handling	Avoid prolonged, extensive or repeated inhalation or contact to eyes and skin
Hand Protection	Wear impervious gloves of an approved type (e.g. neoprene)
Eye Protection	Wear safety goggles of an approved type (BS 2092)
9) PHYSICAL AND CHEMICAL PROPERTIES	
Physical state	Liquid
Freeze Point	-1C
Viscosity at 20oC	3.5
pH at 20oC:	6-9
Colour	Clear pale yellow
Boiling Point	100oC at 760 mm Hg
Odour	Organic
Flammability	Not flammable
Solubility	Miscible with water in all proportions
Specific Gravity	1.025
10) STABILITY AND REACTIVITY	
Stability	Stable up to 1000C. Treat as water and exclude from contact with any materials which have violent reactions with water
Hazardous Decomposition Products	Do not expose containers to heat or flame, since the containers are made from high density polyethylene and will burn. Thermal decomposition of containers and/or products may generate acrid smoke and fumes and traces of Na ₂ O, Cl-, SO _x , NO _x , and HF
11) TOXICOLOGICAL INFORMATION	
Inhalation	Inhalation of hazardous amounts is unlikely when used as intended. Is irritant to respiratory tract when inhaled.
Ingestion	Low oral risk when used as intended. May cause nausea, vomiting and diarrhoea when ingested.
Contact to eyes or skin	Low risk if appropriate precaution measures are taken (see section 6). Can cause skin irritation and damage to the eyes
12) ECOLOGICAL INFORMATION	



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Persistence/degradability	Readily biodegradable	
Bioaccumulation	Bioaccumulation is unlikely to occur due to metabolism and excretion.	
Biodegradation		
Biodegradable	No data available at present	
Ecotoxicity	No data available at present	
13) DISPOSAL CONSIDERATIONS		
Disposal of product	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	
14) TRANSPORT INFORMATION		
Label for conveyance	No Transport Warning Sign Required	
Road UN No:	N/C	
Rail Transport Class No	N/C	
Sea Transport Class No	N/C	
MFAG Table No	N/C	
Air Transport Class No	N/C	
15) REGULATORY INFORMATION		
Label For Supply	Irritant	Xi
Risk Phrases	R36, R37, R38, R43	May cause sensitisation to skin and eyes Irritating to eyes, skin and respiratory tract
Safety Phrases	S23, S24, S25, S26, S29	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection. Avoid contact with eyes and skin. Do not breath vapour/spray
UK Regulatory References	Health and Safety at work Act 1974 Chemicals (Hazard Information & Packaging for Supply) Regulations 1994 / Amendment Regulations 1996	
EC Directives	Substances Directive 67/548/EEC as amended by 69/81/EEC, 70/189/EEC, 73/146/EEC, 75/409/EEC, 79/831/EEC General Preparations Directive 88/379/EEC.	
Statutory Instruments	Chemicals (Hazard Information and Packaging for Supply) Regulations	
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply	
Guidance Notes	Occupational Exposure Limits EH40/96	
16) OTHER INFORMATION		

