

Firex Distribution (Australia) Pty Ltd
ABN 32 161 639 470

Material Safety Data Sheet

Product Name: Firex Air Foam Fire Extinguisher
Date Revised: 17 June 2014

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Firex Air Foam Fire Extinguisher
Other Names:	Air Foam Fire Extinguisher
Recommended Use:	The intended or recommended use of this preparation is as a fire extinguishing agent.
Supplier Name:	Firex Distribution (Australia) Pty Ltd
Address:	Unit 3, 11 Packard Ave Castle Hill NSW 2154
Telephone Number:	+612 9680 8811
Emergency Number:	+612 9680 8811 or 000

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification:	Class 2 Sub Class 2
Risk Phrase(s):	36
Safety Phase(s):	26, 39

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Substance	
Chemical identity of the pure substance:	Not Applicable – This is a mixture / preparation
Common name(s), synonym(s):	Not Applicable – This is a mixture / preparation
CAS Number(s):	Not Applicable – This is a mixture / preparation
Mixture	
Chemical identity of ingredients:	Diethylene glycol monobutyl ether
Proportion of ingredients:	1 – 15%
CAS Number(s) for ingredients:	112-34-5
Chemical identity of ingredients:	Flourosurfactants
Proportion of ingredients:	1 – 5%

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CAS Number(s) for ingredients:	142-31-4
Chemical identity of ingredients:	Magnesium Sulfate
Proportion of ingredients:	To 1%
CAS Number(s) for ingredients:	7487-88-9
Chemical identity of ingredients:	Water H ₂ O
Proportion of ingredients:	To 100%
CAS Number(s) for ingredients:	7732-18-5
Chemical identity of ingredients:	Nitrogen UN1066
Proportion of ingredients:	Unknown (gas varies)
CAS Number(s) for ingredients:	7727-37-9

SECTION 4 – FIRST AID MEASURES

Eye contact (symptoms, special & medical treatment):	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.
Skin contact (symptoms, special & medical treatment):	If skin or hair contact occurs remove contaminated clothing and wash contaminated skin and hair with plenty of soap and running water. Wash contaminated clothing before re-use. If irritation occurs seek medical advice.
Inhalation (symptoms, special & medical treatment):	Remove the source of contamination or the affected person to fresh air. Ensure airways are clear. Apply artificial respiration if not breathing. Seek medical attention.
Ingestion (symptoms, special & medical treatment):	Do NOT induce vomiting. Wash out mouth with water. Do not give anything by mouth to an unconscious person. Seek medical attention.
Aggravated medical conditions caused by exposure:	None known.

SECTION 5 - FIRE FIGHTING MEASURES

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Suitable extinguishing media:	This preparation is an extinguishing media.
Hazards from combustion products:	Under fire conditions this product may emit toxic and / or irritation fumes including oxides of metals and sulphur, hydrogen fluoride, organic pyrolysis products, carbon monoxide and carbon dioxide.
Special protective precautions and equipment for fire fighters:	None.
Hazchem Code:	Not Applicable.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency procedures:	Prevent skin and eye contact
Methods and materials for containment and clean up:	Wear appropriate protective equipment to collect spillage with an absorbent material. Flush area with water until foaming ceases, using caution as area may be slippery. Prevent discharge of concentrate into waterways. Disposal must be in accordance with federal, state or provincial, and local regulations.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	Care should be taken in handling all chemical substances and preparations.
Conditions for safe storage, including any incompatibilities:	Store at -4°C - 49°C. As with all aqueous solutions, TRIDOL S6 should not be put in contact with any materials which react violently with water.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards:	Not Applicable. Neither this preparation nor the substances contained in it have been listed as carcinogenic by National Toxicology Program, I.A.R.C or OSHA.
Biological limit values:	Not available.
Engineering controls:	Provide adequate levels of ventilation to prevent a build-up of vapours from the product.
Personal protective equipment:	Eye protection - safety goggles. Skin protection - chemical resistance gloves. Respiratory & Ingestion protection - Not normally required under normal conditions of use. If vapours reach irritating levels, wear a NIOSH-approved respirator equipped with organic vapour cartridges.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (colour, physical form, shape):	Pale straw yellow liquid
Odour:	Sweet odour
pH:	6.5 – 8 @ 20°C
Vapour pressure:	0.007 kPa (0.05 mm Hg) at 20°C; 0.027 kPa (0.20 mm Hg) at 30°C for ethylene glycol
Vapour density:	2.41 for ethylene glycol
Boiling point/range:	100°C
Freezing/melting point (specify which):	-2°C
Solubility (specify solvent, e.g. water):	100%
Specific gravity or density:	1.01 (Water = 1)
Flash point and method of detecting flash point:	Not known
Upper and lower flammable (explosive) limits in air:	Not flammable.
Ignition temperature:	Does not ignite.

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability:	Stable
Conditions to avoid:	None.
Incompatible materials:	Contact with chemicals that react violently on contact with water, such as sodium metal.
Hazardous decomposition products:	None known.
Hazardous reactions:	See above.

SECTION 11 - TOXICOLOGICAL INFORMATION

Eye contact:	Mildly irritating following acute exposure.
Skin contact:	Mildly irritating following acute exposure. Chronic overexposure may cause dermatitis.
Inhalation:	Not an expected route of entry.

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Ingestion:	Not an expected route of entry.
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SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	Not determined.
Persistence and degradability:	Readily biodegradable. Product is expected to have a relatively low risk to the environment.
Mobility:	Not determined.
Environmental fate (exposure):	None.
Bioaccumulative potential:	Not determined.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal methods and containers:	Product is expected to have a relatively low risk to the environment. Dispose of in compliance with national, regional and local provisions that may be in force.
Special precautions for landfill or incineration:	None.

SECTION 14 - TRANSPORT INFORMATION

UN Number:	1044
UN Proper Shipping Name:	Fire extinguishers containing compressed or liquefied gas
Class and subsidiary risk:	2.2
Packing Group:	Packing Group II
Special precautions for user:	None.
Hazchem Code:	Not hazardous.

SECTION 15 - REGULATORY INFORMATION

The regulatory status of a material (including its ingredients) under relevant Australian health, safety and environmental legislation:	Not available.
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SECTION 16 - OTHER INFORMATION

Date of preparation	Rev B, 17 June 2014
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Firex - Head Office
Unit 3/11 Packard Avenue
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or last revision of the MSDS:	
Disclaimer	The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Firex Distribution (Australia) Pty Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.

End MSDS