

Firex Distribution (Australia) Pty Ltd

ABN 32 161 639 470

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Material Safety Data Sheet

Product Name: Firex Wet Chemical Extinguisher
Date Revised: 17 June 2014

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Firex Wet Chemical Extinguisher
Other Names:	Wet Chemical 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):	Nil
Safety Phase(s):	S2

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:	Potassium Citrate
Proportion of ingredients:	30-60%
CAS Number(s) for ingredients:	6100-05-6
Chemical identity of ingredients:	Water H ₂ O
Proportion of ingredients:	To 100%

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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):	Remove contact lenses. Immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Seek medical advice.
Skin contact (symptoms, special & medical treatment):	Wash affected areas with water.
Inhalation (symptoms, special & medical treatment):	Remove victim to fresh air. Investigate possible misuse of material. Seek medical attention.
Ingestion (symptoms, special & medical treatment):	Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce Vomiting. Seek medical advice. Never give anything by mouth to an unconscious person.
Aggravated medical conditions caused by exposure:	None known.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable extinguishing media:	This preparation is an extinguishing media.
Hazards from combustion products:	Not Applicable.
Special protective precautions and equipment for fire fighters:	None.
Hazchem Code:	Not hazardous

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency procedures:	Contain and collect using absorbent material. Small spills may be flushed to sewer. Dispose of to landfill.
Methods and materials for containment and clean up:	Refer above.

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:	Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards:	Not Applicable. No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC).
Biological limit values:	Not available.
Engineering controls:	Not available.
Personal protective equipment:	Eye protection - safety goggles. Skin protection – chemical resistant gloves.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (colour, physical form, shape):	Clear liquid.
Odour:	None.
pH:	7.2 (1% soln)
Vapour pressure:	Not applicable.
Vapour density:	Not applicable.
Boiling point/range:	100°C
Freezing/melting point (specify which):	-2°C
Solubility (specify solvent, e.g. water):	Not applicable.
Specific gravity or density:	1.29 (Water = 1)

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Flash point and method of detecting flash point:	None
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:	None
Hazardous decomposition products:	None known.
Hazardous reactions:	Not applicable.

SECTION 11 - TOXICOLOGICAL INFORMATION

Eye contact:	Mildly irritating following acute exposure.
Skin contact:	May cause skin irritation, which can result in redness, itchiness, swelling and possibly lead to dermatitis. Continual exposure to dilute solutions will cause loss of natural skin oils, and drying of skin.
Inhalation:	Not applicable.
Ingestion:	Not a likely source of exposure, however, concentrate may cause irritation to mouth, throat and gastro-intestinal tract. Potential symptoms include nausea, diarrhoea, abdominal pain and vomiting.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	Not determined.
Persistence and degradability:	Fully biodegradable
Mobility:	Not determined.
Environmental fate (exposure):	Not harmful.
Bioaccumulative potential:	Not determined.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal methods	Dispose of in compliance with national, regional and local provisions that
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and containers:	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:	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 or last revision of the MSDS:	Rev B, 17 June 2014
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