

SDS SAFETY DATA SHEET

PRODUCT DESCRIPTION:	Fireout Fluorine Free Foam Extinguisher
CODES:	E9FFF, EM50FFF, EM100FFF.
CATEGORY:	FIRE FIGHTING APPLIANCES – FLUORINE FREE FOAM
REVISION DATE:	15 OCTOBER 2019

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Identifier:	Fireout Fluorine Free Foam Fire Extinguisher
Other Means of Identification:	Part Number Fireout Fluorine Free Foam Fire Extinguishers E9FFF 9.0ltr Fluorine Free Foam fire extinguisher EM50FFF 50ltr Fluorine Free Foam mobile fire extinguisher EM100FFF 100ltr Fluorine Free Foam mobile fire extinguisher
Recommended use of the chemical and restrictions on use:	Fire fighting apparatus and medium.
Supplier Name: Address: Telephone Number: Emergency Number: Website: Email:	Australia Wide Fire Supplies Unit 5/54 Pendlebury Road, Cardiff NSW 2285 +61 2 4954 0333 Emergency 000 AWFS +61 2 4954 0333 (9am-5pm AET, Mon-Fri) www.awfs.com.au sales@awfs.com.au

AUSTRALIA WIDE FIRE SUPPLIES ABN 80393915621 UNIT 5/54 PENDLEBURY RD CARDIFF NSW 2285


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SECTION 2 – HAZARDS INFORMATION**GHS Classification of the hazardous chemical**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work Health Safety Regulations Australia, Gases under Pressure.

Classified as Dangerous – Gases Under Pressure – Compressed Gas

Label Elements

Hazard Pictograms:	
Pictogram Code:	GHS04 Gas Cylinder
Signal Word:	WARNING

Hazard Statements

H280 Contains gas under pressure; may explode when heated

Precautionary Statements

Prevention:	Wear eye/face protection.
Response:	If in eyes: flush continuously with running water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage:	P410 + P403 Protect from sunlight. Store in a well-ventilated place.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**General Information:**

Chemical Name	Chemical Formula	CAS No	Quota %	Risks/Safety Phrases
Ethanol	C ₂ H ₅ OH	64-17-5	>5%, <10%	
Urea	CH ₄ N ₂ O	57-13-6	<0.5%, <5%	
Total Fluoro Content			0%	

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SECTION 4 – FIRST AID MEASURES

Eye contact (symptoms, special & medical treatment):	Flush eyes continuously with running water. Seek medical attention if symptoms persist.
Skin Contact (symptoms, special & medical treatment):	Wash affected area thoroughly. Seek medical attention if symptoms persist.
Inhalation (symptoms, special & medical treatment):	If inhaled, provide fresh air. Exit contaminated area and rest until recovered. Seek medical attention if symptoms persist.
Ingestion (symptoms, special & medical treatment):	DO NOT induce vomiting. Wash out mouth thoroughly with water. Seek medical attention if symptoms persist.

Indication of any immediate medical attention and special treatment

Provide general supportive measures and treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing equipment:	This product is an extinguishing media.
Specific hazards arising from the chemical:	This product is non-combustible.
Hazards from Combustion Products:	Under fire conditions this product may emit toxic and/or irritating fumes including oxides of metals and Sulphur, hydrogen fluoride, organic pyrolysis products, carbon monoxide and carbon dioxide.
Special protective equipment and precautions for fire fighters:	Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA). Avoid eye and skin contact. Fight fire from safe location.
Hazchem Code:	Not Applicable

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Prevent skin and eye contact, as well as inhalation and ingestion. Wear appropriate PPE and clothing to minimize the risk of exposure.
Environmental precautions:	Do not allow to enter surface water or drains. Cover drains.
Methods and materials for containment and cleaning up:	If possible contain spill. Cover drains. Do not allow to enter soil/subsoil or surface water or drains. Place inert absorbent material onto spillage. Collect the material and place in suitable labelled container. Do not dilute material. Dispose of waste according to the applicable local and national regulations.

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SECTION 7 – HANDLING AND STORAGE**Precautions for Safe Handling**

Safe Handling:	<ul style="list-style-type: none"> • Wear appropriate personal protective clothing designed for use in firefighting situations to prevent exposure when using the product. • Keep containers closed with not in use. • Practice good personal hygiene and wash hands before eating, drinking, smoking. • Remove contaminated clothing and protective equipment before entering eating areas.
Other Information:	<ul style="list-style-type: none"> • Observe manufacturer's storage and handling recommendations contained within this MSDS • Store away from sources of heat or ignition / naked lights • Store in a cool, dry, well-ventilated area • Store in original container or fire extinguisher • Keep containers securely sealed when not in use

Conditions for Safe Storage, including any incompatibilities:

Storage requirements:	<ul style="list-style-type: none"> • Observe manufacturer's storage and handling recommendations contained with this MSDS • Do not store at temperatures above 50°C. • Protect containers against physical damage. • Store away from sources of heat or ignition / naked lights • Store in a cool, dry, well-ventilated, low fire risk area. • Storage areas should be kept clean and free from flammable materials. • Ensure containers are properly vented to prevented build-up of pressure. • Protect from weather extremes.
Unsuitable storage containers:	Not known.

SECTION 8 – EXPOSURE**Occupational Exposure Limits**

Engineering control measures:	No exposure standards have been established for the mixture.
Biological Monitoring:	No Biological limit allocated.
Engineering Controls:	Provide adequate ventilation to prevent build-up of vapours.
Personal protective equipment:	<p>Eye protection – Suitable eye protection, eye glasses with side protection, goggles, face protection shield.</p> <p>Skin protection – Suitable gloves with long cuffs.</p> <p>Respiratory– Not normally required under normal conditions of use.</p>

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance (colour, physical form, shape):	Liquid Pale Yellow / Brown
pH:	8.0 - 10
Density (20°C):	1.07
Flash Point(°C):	47
Solubility (specify solvent, e.g. water):	Complete in Water.
Explode:	No reliable data available.

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	Reacts with incompatible materials.
Chemical stability:	Stable under normal conditions of storage and handling.
Conditions to Avoid:	Temperature Extremes.
Incompatible materials:	See section 7.
Hazardous decomposition products:	None known.

SECTION 11 – TOXICOLOGICAL INFORMATION**Information on Toxicological Effects**

This product has not been tested for toxicological effects.

Acute toxicity:	No data available.
Skin corrosion / irritation:	May irritate skin. Symptoms may include redness, itching and swelling.
Eye damage / irritation:	May be irritating to eyes. The symptoms may include redness, itching and tearing.
Inhalation:	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Respiratory sensitization:	Not expected to be respiratory sensitizer.
Germ cell mutagenicity:	Not considered to be mutagenic hazard.
Carcinogenicity:	Not considered to be carcinogenic hazard.
Reproductive toxicity:	Not considered to be toxic to reproduction.
Specific Target Organ Toxicity (STOT) – single exposure:	Not considered to cause toxicity to a specific target organ.
Specific Organ Target Toxicity (STOT) – repeated exposure:	Not considered to cause toxicity to a specific target organ.
Aspiration Hazard:	Not expected to be an aspiration hazard.

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SECTION 12 – ECOLOGICAL INFORMATION**Ecotoxicity, Persistence & Degradability:**

Persistence and degradability:	OECD 302B res. EU C.9: The test substance can be considered as “inherently biodegradable”. 89% in 21 days.
Mobility:	Not determined.
Bioaccumulative potential:	Not determined.
Other adverse effects:	Not determined.
Environmental Protection:	Do not allow product to enter waterways, drains or sewers.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal methods and containers:	Dispose of in compliance with national, regional and local provisions that may be in force.
Physical / Chemical Properties that may affect disposal options:	Not known.
Effects of Sewerage:	Not known.
Disposal: Special precautions for landfill or incineration:	Not known.

SECTION 14 – TRANSPORT INFORMATION

Labels Required:	 2.2 Non Flammable, Non Toxic Gas
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Land Transport (ADG):

Classification as Dangerous Goods according to the *Australian Code for the Transport of Dangerous Goods by Road & Rail (Ed 7.3, August 2014)*, National Transport Commission.

UN Number:	1044
Proper Shipping Name:	FIRE EXTINGUISHERS with compressed gas or liquefied gas.
Transport Hazard Class:	Class 2.2 Sub Risk Not Applicable.
Packaging Group:	Not applicable.
Environmental hazards for Transport Purposes:	Not applicable.
Special precautions for user:	None.
Hazchem Code:	Not Applicable.

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Air Transport (ICAO, IATA - DGR):

Classification as Dangerous Goods according to the *Dangerous Goods Regulations, International Air Transport Association (IATA)*.

UN Number:	1044
Proper Shipping Name:	FIRE EXTINGUISHERS with compressed gas or liquefied gas.
Transport Hazard Class:	Class 2.2 Sub Risk Not Applicable.
Packaging Group:	Not applicable.
Environmental Hazards for Transport Purposes:	Not applicable.
Special Precautions for user:	Special Provisions: A19 Cargo Only Packing Instructions: 213 Passenger and Cargo Packing Instructions: Restricted
Hazchem Code:	Not Applicable.

Sea Transport (IMO - IMDG):

Classification as Dangerous Goods according to the *International Maritime Dangerous Goods Code (IMDG), International Maritime Organisation (IMO)*.

UN Number:	1044
Proper Shipping Name:	FIRE EXTINGUISHERS with compressed gas or liquefied gas.
Transport Hazard Class:	Class 2.2 Sub Risk Not Applicable.
Packaging Group:	Not applicable.
Environmental Hazards for Transport Purposes:	Not a known pollutant according to the International Maritime Dangerous Goods (IMDG) Code. Substance is not classified as having an acute aquatic toxicity hazard. .
Special Precautions for user:	EMS Number: 2-13 MFAG No: 620
Hazchem Code:	Not Applicable.

SECTION 15 – REGULATORY INFORMATION**Safety, health and environmental regulations / legislation for the substance or mixture**

Classified as Hazardous according to the Globally Harmonised Systems of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule Number: Not classified as a Scheduled Poison.

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SECTION 16 – OTHER INFORMATION

Revision, Date of preparation of this MSDS:	15 October 2019
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. Australia Wide Fire Supplies shall not be held liable for any damage or loss resulting from handling or from contact with the above product.

End SDS

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