

SDS SAFETY DATA SHEET

PRODUCT DESCRIPTION:	Fluorine Free Protec Foam 3% (F3 3% Foam) 20L & 200L
CODES:	R3FFPF20, R3FFPF200.
CATEGORY:	FLUORINE FREE FOAMS
REVISION DATE:	08 MARCH 2016

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Identifier:	Fluorine Free Protec F3 Foam 3%						
Other Means of Identification:	<table> <tr> <th>Part Number</th><th>Product Description</th></tr> <tr> <td>R3FFPF20</td><td>Fluorine Free Protec F3 3% Foam Concentrate 20litre container</td></tr> <tr> <td>R3FFPF200</td><td>Fluorine Free Protec F3 3% Foam Concentrate 200litre container</td></tr> </table>	Part Number	Product Description	R3FFPF20	Fluorine Free Protec F3 3% Foam Concentrate 20litre container	R3FFPF200	Fluorine Free Protec F3 3% Foam Concentrate 200litre container
Part Number	Product Description						
R3FFPF20	Fluorine Free Protec F3 3% Foam Concentrate 20litre container						
R3FFPF200	Fluorine Free Protec F3 3% Foam Concentrate 200litre container						
Recommended use of the chemical:	Water based foam concentrate, fire fighting 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						

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SECTION 2 – HAZARDS INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

This material is non-hazardous according to Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

GHS Classification of the chemical

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

GHS Label Elements

Pictogram:	None
Signal Word:	None
Hazard Statement:	None
Precautionary Statement:	None Not a dangerous substance according to the GHS.

Storage:	No storage statements.
Disposal:	No disposal statements.
Poisons Schedule (SUSMP):	None allocated.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

General Information:

Chemical Name	CAS Number	Proportion
Butyl Diglycol	112-34-5	5-10%
Blend of Non Hazardous Proprietary Surfactants	Proprietary	10-15%
Water	7732-18-5	60-80%

SECTION 4 – FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

If Inhaled:	Remove victim from area of exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
In case of Skin Contact:	If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water and soap. If swelling, redness, blistering or irritation occurs seek medical assistance.
In case of Eye Contact:	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a

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	Poisons Information Centre or a doctor, or for at least 15 minutes.
If Swallowed:	Rinse mouth with water. If swallowed, DO NOT induce vomiting. Give a glass of water. Seek medical advice.

Indication of any immediate medical attention and special treatment needed.

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:	Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).
Specific hazards arising from the substance or mixture:	Non-combustible material.
Special Protective Equipment and Precautions for Fire Fighters:	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions / Protective Equipment / Materials for Containments and Cleaning Up:	Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.
Environmental Procedures/ Environmental Precautions:	Shut off all possible sources of ignition. Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

SECTION 7 – HANDLING AND STORAGE


Precautions for Safe Handling

Precautions for Safe Handling:	Avoid skin and eye contact and breathing in vapor, mists and aerosols.
Conditions for Safe Storage, including any incompatibilities:	Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use – check regularly for spills.

SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Occupational Exposure Limits

Name	CAS No	ACGIH TLV TWA (ppm)
Butyl diglycol	112-34-5	10 Inhalable fraction and vapor.

Conditions for safe storage, including any incompatibilities:	Store in a cool, dry, well ventilated place. Keep containers closed when not in use – check regularly.
Appropriate Engineering Controls:	Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.
Individual Protection Measures, such as Personal Protective Equipment (PPE):	<p>The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.</p> <p>OVERALLS, SAFETY SHOES CHEMICAL GOGGLES, GLOVES</p> <div style="text-align: center;">  </div> <p>Wear overalls, chemical goggles and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. If determined by a risk assessment an inhalation risk exists, wear a suitable respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.</p>

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Clear water white to light yellow medium viscosity liquid.
Odour:	Slight glycol.
Boiling Point:	100°C
Solubility in Water:	Completely soluble.
Specific Gravity: (H ₂ O = 1)	1.026 @ 20°C
Physical State:	Liquid.
pH:	7.5 @ 20°C
Flash Point:	Non flammable.
Flammability:	Non flammable.
Flammable Limits LEL:	Non flammable.
Flammable Limits UEL:	Non flammable.

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SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	Data not available.
Chemical stability:	Stable under normal storage conditions.
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Conditions to Avoid:	
Incompatible Materials:	
Hazardous Decomposition Products:	Avoid heat exposure. Incompatible with oxidizing agents. Oxides of carbon.

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

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	No adverse effects expected, however, large amounts may cause nausea and vomiting.
Eye Contact:	May cause some mild eye irritation.
Skin Contact:	Contact with skin may result in mild irritation.
Inhalation:	Material may be irritant to the mucous membranes of the respiratory tract (airways).
Acute Toxicity:	Oral LD50 (rat) > 5,000 mg/kg
Skin Corrosion / Irritation:	No information available.
Serious Eye Damage / Irritation:	No information available.
Respiratory or Skin Sensitisation:	No information available.
Chronic Effects:	No information available for the product.
Mutagenicity:	No information available.
Carcinogenicity:	No information available.
Specific Target Organ Toxicity (STOT) – single exposure:	No information available.
Specific Organ Target Toxicity (STOT) – repeated exposure:	No information available.
Aspiration Hazard:	No information available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	Avoid contaminating waterways.
Persistence and Degradability:	No information available.
Bioaccumulative Potential:	No information available.
Mobility in Soil:	No information available.

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SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods:	Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations.
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SECTION 14 – TRANSPORT INFORMATION

Road and Rail Transport	Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS
Marine Transport	Not classified as Dangerous Goods by the criteria of the International Maritime Goods Code (IMDG Code) for transport by Sea; NON-DANGEROUS GOODS
Air Transport	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS

SECTION 15 – REGULATORY INFORMATION**Classification**

This material is NON-HAZARDOUS according to Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

Poisons Schedule (SUSMP)

Non allocated.

This material is listed on the Australian Inventory of Chemical Substances (AICS).

SECTION 16 – OTHER INFORMATION

Revision, Date of preparation of this MSDS:	08 March 2016
Disclaimer	<i>This SDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company listed in section 1.</i>

End SDS

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