

MATERIAL SAFETY DATA SHEET



Date of Issue: August 2009

1. IDENTIFICATION

Product Name: *FlameStop EFAR20 AR AFFF 3/6%*

UN Number: *Not Applicable*

Use: *Fire Extinguishing Foam Agent*

Manufacture/Supplier: *FlameStop Australia Pty Ltd
1/70 Gibbes Street
CHATSWOOD NSW 2067
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Dangerous Goods Class and Subsidiary Risk: *Not Applicable*

Hazchem Code: *Not Applicable*

Poison Schedule Number: *None Assigned*

2. Composition/Information in Ingredients

Chemical Characterization (preparation)

Hazardous Components

CAS-No.	Chemical Name	Quantity	Classification
73665-22-2	Sodium alkyl ether sulphate	1-5%	Xi R36-38
112-34-5	Diethylene glycol monobutyl	1-5%	Xi R36

3. First Aid Measures

General information

If symptoms persist, call a physician.

After inhalation

If signs or symptoms occur, remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

After contact with skin

Immediately wash skin with soap and large amounts of water. Remove contaminated clothing. If signs/symptoms occur, call a medical doctor. Wash contaminated clothing before reuse and dispose of contaminated shoes.

After Contact with Eyes

Immediately flush eyes with large amounts of water. Get immediate medical attention.

After Ingestion

If swallowed, call a medical doctor immediately. Only induce vomiting at the instruction of a medical doctor. Never give anything by mouth to an unconscious person.

Advice to Doctor

Wash off with warm water and soap.

4. Fire-fighting Measures

Suitable Extinguishing Media

Product is a fire-extinguishing agent.

Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases

At high temperature : concentrate gives toxic products.

Thermal decomposition of usage concentrations does not present a hazard.

5. Accidental Release Measures

Personal Precautions

Observe precautions from other sections.

Methods for cleaning up/taking up

Ventilate area. Contain spill. Cover with absorbent material.

Collect spilled material. Clean up residue with water.

Place in a closed container.

6. Handling and Storage

6.1 – Handling

6.2 – Storage

Requirements for storage rooms and vessels

Keep container in a well-ventilated area.

Advice on storage capability

Store away from areas where product may come into contact with food or pharmaceuticals.

Store at temperatures above -2 °C and below 60 °C. Keep container closed when not in use.

Store and cover in shade.

7. Exposure Controls/Personal Protection

7.1 – Exposure Limit Values

7.2 – Exposure Controls

Occupational Exposure Controls

If exhaust ventilation is not adequate, use appropriate respiratory protection. Provide ventilation adequate to control vapour concentrations below recommended exposure limits and/or control spray or mist.

Respiratory Protection

Avoid inhalation of airborne material. Select one of the following respirators based on airborne concentration of contaminants and in accordance with national regulations: Half-mask organic vapour respirator with dust/mist prefilter.

Hand Protection

Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: Butyl rubber.

Eye Protection

Avoid eye contact with vapour, spray, or mist. Wear vented goggles.

Skin Protection

Avoid skin contact.

8. Physical and Chemical Properties

8.1 – General Information

Physical state : liquid

Colour: Clear, coloured liquid.

8.2 – Important health, safety and environmental information

pH-Value (at 20 °C): 7.0 - 9.0

Changes in the Physical State

Boiling Point: 100 °C

Density (at 20 °C): 1.01 g.mc

9. Stability and Reactivity

Conditions to Avoid

Stable under recommended storage conditions.

Hazardous decomposition products

No decomposition if stored and applied as directed.

10. Toxicological Information

Corrosive and irritant effects

Irritant effects

Sensitising effects

Irritant effects

Severe effects after repeated or prolonged exposure

Allergic Skin Reaction: signs/symptoms can include redness, swelling, blistering, and itching.

11. Ecological Information

Persistence and degradability

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Further Information

Discharge into the environment must be avoided.

12. Disposal considerations

Advice of disposal

Avoid discharge to a wastewater treatment system.
Reduce discharge rate if foaming occurs. Larger quantities may adversely affect biological wastewater treatment systems. Incinerate large quantities in an industrial or commercial incinerator. Since regulators vary, consult applicable regulations or authorities before disposal.

13. Transport Information

Land Transport (ADR/RID)

Remarks (land transport)

Not dangerous goods – full transport

Inland waterways transport

Remarks (inland waterways transport)

Not dangerous goods – full transport

Marine Transport

Remarks (marine transport)

Not dangerous goods – full transport

Air Transport

Remarks (air transport)

Not dangerous goods – full transport

14. Regulatory Information

14.1 – Labelling

14.2 – National Regulations

Water contaminating class:

1 – slightly water contaminating

15. Other Information

List of Relevant R phrases

36 Irritating to eyes.

37 Irritating to skin.

Other Data

Regulatory Information:

Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity.

The information on this Data Sheet is based on the manufacturers experience and is correct to the best of their knowledge at the date of publication, but they do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The

information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.