

# SAFETY DATA SHEET



## SFE06 6ltr FOAM FIRE EXTINGUISHER

### 1. SUPPLIER

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### 2. APPLICATION

FOAM FIRE EXTINGUISHER.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Description: SYNTHETIC FILM FORMING FOAM

INGREDIENT.	C.S.A NO.	.EU. Haz. & Risk Symbol.	PERCENTAGE.
WATER	7732-18-5		10.0 - 30.0
DIETHYLENE GLYCOL BUTYL ETHER	112-34-5	Xi ; R36	10.0 - 30.0
ETHANOL	64-17-5	R11 ; R36	0.0 - 9.0
AMPHOTERIC FLUORINATED POLYMER	34455-29-3		1.0 - 10.0
ALKYL SULPHATE SALT		XI ; R38 ; R41	10.0-40.0

#### Hazardous components:

This product contains the following toxic chemical or chemicals subject to the reporting of Section 313 of Title III of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR Part 372: DIETHYLENE GLYCOL BUTYL ETHER.

### 4. HAZARD IDENTIFICATION

MAIN HAZARDS - Health effects: Irritating to eyes and skin.

### 5. FIRST AID MEASURES

INFORMATION IN CASE OF:

<b>Skin contact:</b>	Immediately wash skin with soap and large amounts of water. Remove contaminated clothing. If signs occur call a medical doctor. Wash contaminated clothing before reuse and dispose of contaminated shoes.
<b>Eye contact:</b>	Immediately flush eyes with large amounts of water. Get immediate medical attention.
<b>Inhalation:</b>	If signs or symptoms occur, remove person to fresh air. If not breathing, give artificial respiration, get immediate medical attention.
<b>Ingestion:</b>	If swallowed call a medical doctor immediately. Only induce vomiting at the instruction of a medical doctor. Never give anything to an unconscious person.

### 6. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA.

<b>Suitable extinguishing media:</b>	Product is fire extinguishing agent.
<b>Hazardous decomposition:</b>	At high temperature: concentrate gives toxic products.
<b>Fire-fighting procedures:</b>	Not applicable.

### 7. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Observe precautions from other sections.
<b>Methods for cleaning up:</b>	Ventilate area. Contain spill. Cover with absorbent material. Collect spilled material. Clean up residue with water. Place in a closed container.

### 8. STORAGE AND HANDLING

<b>Precautions for safe handling:</b>	Avoid contact with skin and eyes. Wear safety clothes. While handling, do not eat, drink or smoke. Wash contaminated clothes separately. After handling, wash your hands with soap and water.
<b>Precautions for safe storage:</b>	Store away from areas where product may come into contact with food or pharmaceuticals. Store at temperatures above -13°C and below 60°C. Keep container closed when not in use. Store and cover in shade. Store away from water and humidity. Incompatible with aluminium. Keep in original packaging.
<b>Ventilation:</b>	Keep container in a well ventilated area.
<b>Fire prevention:</b>	Not applicable.

### 9. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION EQUIPMENT.

<b>Eye protection:</b>	Avoid eye contact with vapour, spray or mist. Wear vented goggles.
<b>Hand protection:</b>	Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) is recommended: Butyl Rubber.
<b>Skin protection:</b>	Avoid skin contact.
<b>Respiratory protection:</b>	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.
<b>Ingestion:</b>	Do not eat drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating.
<b>Recommended Ventilation:</b>	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.
<b>Exposure limits:</b>	DIETHYLENE GLYCOL BUTYL ETHER (112-34-5) CMRG TWA Exposure Limit: 35 ppm ETHANOL (67-15-5) TVL TWA Exposure Limit: 1880 mg/m3



**10. PHYSICAL & CHEMICAL PROPERTIES**

Appearance and Odour:	Clear, coloured liquid.
PH:	7.0 - 8.5.
Boiling point/boiling range:	95°C (Typical).
Melting point/melting range:	-15°C
Flashpoint:	None (Setaflash CC).
Autoflammability:	Not applicable.
Vapour pressure:	Approximately 17.4mmHg Calc@25°C
Water Solubility:	Miscible.
Specific gravity:	1.05 +/- 0.02g/cm <sup>3</sup> Water = 1.
Vapour Density:	Approximately 0.77 Air = 1 Calc@25°C
Volatile organic compounds:	N/A
Evaporation Rate:	Less than 1 BuOAc = 1

**11. STABILITY & REACTIVITY**

Stability:	Stable.
Materials to avoid:	Not Applicable.
Hazardous decomposition:	Stable. Hazardous polymerisation will not occur.

**12. TOXICOLOGICAL INFORMATION**

Effects from Eye Contact:	Minimal Eye Irritation: signs/symptoms disappear after 21 days with no damage.
Effects from Skin Contact:	Mild skin irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling and itching. Symptoms disappear after 21 days with no damage.
Prolonged or repeated exposure may cause:	Allergic Skin Reaction. signs/symptoms can include redness, swelling and itching.
Effects from Inhalation:	No known effect.
Effects from Ingestion:	Not Applicable.
Other effects and Information:	None.

**13. ECOLOGICAL INFORMATION**

Persistence/Biodegradability:	This product does not contain any ingredients reportable as biodegradable.
Other Effects and Information:	BIODEGRADATION: 14 Day (OECD 301 A-F) BOD14 >=55% 20 Day (OECD 301 A-F) BOD20 >=65% 28 Day (OECD 301 A-F) BOD28 >=90%  AQUATIC TOXICITY: LD50 Rats > 2000 mg/Kg Vibrio fischeri NRRL-B-11177 30min EC20 > 1000mg/L, 30min EC50 > 1000mg/L Brachydanio rerio OECD 203 24-hr LC50 >1000mg/L, 24-hr LC100 >1000mg/L,

**14. DISPOSAL CONSIDERATIONS**

Special Instructions:	Avoid discharge to a wastewater treatment system.  Reduce discharge rate if foaming occurs.  Large quantities may adversely affect biological wastewater treatment systems. Incinerate large quantities in an industrial or commercial incinerator.  Since regulations vary, consult applicable regulations or authorities before disposal.
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**15. TRANSPORT INFORMATION**

ADR/RID/GGVs/GGVE Class:	2.2	Number/Letter:	6A	Labelling:	Sample 2.2
Proper shipping name:	Fire Extinguishers				
Description for transport documents:	UN 1044 Fire Extinguishers, 2.2, 3(E), IMDG2141, Non-flammable, No flash point, Packing group 2.				
The transport category tunnel restriction code 3(E) is <u>not</u> needed if the route does not include any restricted tunnels.					

**16. REGULATORY INFORMATION**

EC CLASSIFICATION / LABELLING (*)		
DA	Dangerous Preparations (*)	D.1999/45/EC (*) R-Phrase R36 Irritating to eyes and respiratory system R38 Irritating to skin
	S-Phrase	S26_In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39_Wear suitable protective clothing, gloves and eye/face protection (*)
INVENTORIES (*)	EINECS (EU) :	conforms (*)

**17. OTHER INFORMATION**

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.
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**NOTE.**  
THIS SAFETY DATA SHEET COMPLIES WITH THE 2001/58/CE EUROPEAN DIRECTIVE OF THE COMMISSION DATED 27/07/2001  
The information provided is based upon our best knowledge at the time that this safety data sheet was published. The information is believed to be accurate and is given in all good faith. The attention of users is drawn to the possibility of creating other hazards when the product is used for purposes other than that for which it is recommended. In such cases a complete reassess should be made by the user. This safety data sheet should only be used and reproduced in order that the necessary measures may be taken in relation to the protection of health and safety at work so as to the protection of the environment. The references to the legislative, regulatory and codes of practice documents must not be considered as exhaustive. It is the responsibility of the handlers of the product to pass on the totality of the information contained within this document to any subsequent persons who will come into contact with, handle or use the product in any way.