

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product name : FIRE FIGHTING FOAM

Product Use: : AQUEOUS FILM FORMING FOAM CONCENTRATE
Restrictions on use: FOR INDUSTRIAL OR PROFESSIONAL USE ONLY

Company : SHARE CANADA
1691 CHURCH AVENUE
WINNIPEG, MB R2X 2Y7
TELEPHONE: 1-800-665-7692

Emergency number : CANUTEC 1-613-966-6666

SECTION 2 - HAZARDS IDENTIFICATION

Hazard classification: Skin irritation 2, eye irritation 2, specific target organ toxicity – single exposure 1, specific target organ toxicity – repeated exposure 2.



Symbols:

Signal word: DANGER

Hazard statements: Causes skin irritation. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.

Precautionary statements: Do not breathe mist / spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye protection, protective clothing, protective gloves.

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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION %
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	112-34-5	7 – 13 %
Sodium (C14-16) olefin sulphonate	68439-57-6	7 – 13 %
Ethenediol, ethylene glycol	107-21-1	3 – 7 %
Cocoamidopropyl Hydroxy Sultaine	68139-30-0	1 – 5 %
C12 – 13 Alcohols	75782-86-4	.5 - 1.5 %

SECTION 4 – FIRST AID MEASURES

First-aid measures general	: If you feel unwell, seek medical advice (Show the label where possible).
First-aid measures after inhalation	: Remove victim into fresh air.
First-aid measures after skin contact	: Rinse skin with water / shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs, get medical advice / attention.
First-aid measures after eye contact	: Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get immediate medical advice / attention.
First-aid measures after ingestion	: Rinse mouth with water. Do NOT induce vomiting. Call a poison control centre or doctor if you feel unwell.
Symptoms/injuries	: Causes skin irritation. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.
Symptoms/injuries after inhalation	: None under normal use.

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Symptoms/injuries after skin contact	:	Contact during a long period may cause light irritation.
Symptoms/injuries after eye contact	:	Causes serious eye damage.
Symptoms after ingestion	:	Gastrointestinal complaints.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media Adapt extinguishing media to the environment.
Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Thermal decomposition may produce carbon oxides.

Firefighting instructions Exercise caution when fighting any chemical fire. Take account of environmentally hazardous firefighting water.

Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

General measures: Isolate from fire, if possible, without unnecessary risk.

Protective equipment Gloves, Protective goggles. Protective clothing.

Emergency procedures Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing.

Protective equipment Equip cleanup crew with proper protection.

Environmental precautions Avoid release to the environment. Prevent entry to sewers and public waters.

Stop leak if safe to do so. Stop release. Ventilate spillage area.

Emergency procedures

For containment: Contain released substance, pump into suitable containers.

Methods for cleaning up This material and its container must be disposed of in a safe way, and as per local legislation.

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SECTION 7 – HANDLING AND STORAGE

- Precautions for safe handling : Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
- Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.
- Technical measures : Comply with applicable regulations.
- Storage conditions : Keep container tightly closed when not in use.
- Incompatible products : Strong acids
- Storage area : Meet legal requirements. Store in a cool, dry area. Store in a well-ventilated place.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

**Ethylene glycol (107-21-1) ACGIH TLV 25 ppm ; ACGIH STEL 10 mg / m³ (50 ppm)
ACGIH remark: Kidney damage; URT and eye irritant**

**diethylene glycol monobutyl ether 112-34-5
ACGIH TWA 10 ppm**

- Personal protective equipment: : Protective goggles. Gloves. Protective clothing. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state :	Liquid
Appearance :	Clear, slight yellow liquid.
Odour :	Mild odour.
Odour threshold :	No data available
pH :	9 – 10
Melting point :	No data available
Freezing point :	No data available
Boiling point :	No data available
Flash point :	> 93.7 Closed cup
Relative evaporation rate (butyl acetate=1) :	No data available
Flammability (solid, gas) :	No data available
Explosion limits :	No data available
Explosive properties :	No data available
Oxidizing properties :	No data available
Vapour pressure :	No data available
Relative density :	No data available
Relative vapor density at 20 °C :	No data available
Specific gravity / density :	1.03 g/ml
Solubility :	Soluble in water.
Log Pow :	No data available
Log Kow :	No data available
Auto-ignition temperature :	No data available
Decomposition temperature :	No data available
Viscosity :	No data available
Viscosity, kinematic :	No data available
Viscosity, dynamic :	No data available
VOC content :	< 0.1 %

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: This product is non-reactive under normal conditions of use, storage and transport. Thermal destruction may produce carbon dioxide.

Incompatible materials : Acids.

Stability: Stable under normal conditions.

Conditions to avoid: No additional information available.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: Not classified.

C12 – 14 Alcohols (75782-86-4)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Ethylene glycol (107-21-1)	
LD50 oral rat	4700 mg/kg
LD50 dermal rabbit	10626 mg/kg
ATE CLP (oral)	500 mg/kg body weight
ATE CLP (dermal)	10626 mg/kg body weight

Skin corrosion/irritation	:	Causes skin irritation. pH: 9 – 10
Serious eye damage/irritation	:	Causes serious eye irritation. pH: 9 – 10
Respiratory or skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
Specific target organ toxicity (single exposure)	:	Cause damage to organs.
Specific target organ toxicity (repeated exposure)	:	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	:	Not classified
Symptoms/injuries after inhalation	:	None under normal use.
Symptoms/injuries after skin contact	:	Causes skin irritation.
Symptoms/injuries after eye contact	:	Causes serious eye irritation.

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Symptoms/injuries after ingestion : Gastrointestinal complaints.
Likely routes of entry : Skin and eye contact.

SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): No additional information available.
Persistence and degradability: No additional information available.
Bioaccumulation potential: No additional information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 – TRANSPORT INFORMATION

Transportation of Dangerous Goods (TDG) Not regulated for transport.

SECTION 15 - REGULATORY INFORMATION

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

SECTION 16 - OTHER INFORMATION

Information Sources: SUPPLIER'S SDS
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