

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: FIRE FIGHTING FOAM
Product Use: AQUEOUS FILM FORMING FOAM CONCENTRATE
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7

Telephone Number: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight	Exposure Limits	
			OSHA PEL	ACGIH TLV
Diethylene Glycol Monobutyl Ether	112- 34-5	5 - 15 %	Not established.	Not established.
Ethylene Glycol	107-21-1	1 - 10 %	50 ppm	50 ppm
Cocodiethanolamide	68603-42-9	1 - 5 %	Not established.	Not established.

SECTION III - PHYSICAL DATA

Physical State: LIQUID
Specific gravity: 1 .03
pH: 9.5 - 10.50
Odour and appearance: CLEAR SLIGHT YELLOW LIQUID – MILD DETERGENT ODOUR.
Odour threshold: Not available. Vapour pressure (PSI): Not available.
Vapour density (air = 1): Not available. Evaporation rate (water = 1): Not available.
% volatile by volume: Not available. Solubility in water: SOLUBLE.
Boiling Point (C ⁰): Not available. Freezing Point (C ⁰): Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NO Flash Point (C ⁰) and method: NONE - CC
Upper flammable limit: Not applicable. Lower flammable limit: Not applicable.
Autoignition temperature: Not available. Flammability classification: NONE
Conditions of flammability: NONE.
Hazardous combustion products: OXIDES OF CARBON.
Means of extinction: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special fire fighting procedures: FIRE FIGHTERS SHOULD BE EQUIPPED WITH FULL
PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS.
Sensitivity to mechanical impact: NOT SENSITIVE
Sensitivity to static discharge: NOT SENSITIVE

SECTION V - REACTIVITY DATA

Is the product stable: STABLE.
Incompatible substances: STRONG ACIDS.
Conditions of Reactivity: NONE
Hazardous decomposition products: THERMAL DECOMPOSITION WILL PRODUCE OXIDES OF CARBON.

PRODUCT IDENTIFIER: FIRE FIGHTING FOAM

SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: EYE CONTACT, INGESTION, INHALATION.
Exposure Limits: 50 ppm ACGIH TLV-TWA FOR ETHYLENE GLYCOL.
WHMIS Classification: D 2 B - SKIN AND EYE IRRITANT.
Irritant: CONCENTRATE MAY IRRITATE SKIN AND EYES ON CONTACT.
Carcinogen: NO - IARC / OSHA / NTP Sensitizer: NOT A SENSITIZER
Mutagen: NOT A MUTAGEN Reproductive effects: NONE KNOWN
Synergistic products: NONE KNOWN
Effects of acute exposure: Eyes: MILD TO MODERATE IRRITATION AND REDNESS.
Ingestion: GASTROINTESTINAL IRRITATION, NAUSEA, CRAMPS, DIARRHEA, CNS SYMPTOMS.
Inhalation: IRRITATION TO UPPER RESPIRATORY TRACT, DIZZINESS, HEADACHE.
Effects of chronic exposure: Skin: REDNESS, DRYNESS AND IRRITATION WITH PROLONGED OR REPEATED EXPOSURE.

SECTION VII - PREVENTION MEASURES

Gloves: CHEMICAL RESISTANT GLOVES.	Respirator: IF EXPOSURE LIMITS ARE EXCEEDED, WEAR A NIOSH APPROVED RESPIRATOR, FOLLOWING MANUFACTURER'S RECOMMENDATIONS.	Eye protection: SAFETY GLASSES OR CHEMICAL GOGGLES.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: NO SPECIAL REQUIREMENTS.	Other requirements: EYE WASH STATION

Engineering Controls: LOCAL VENTILATION RECOMMENDED.
Respiratory protection: USE WITH ADEQUATE VENTILATION.
Leak or spill procedures: VENTILATE AREA AND CONTAIN SPILL. SOAK UP WITH INERT ABSORBENT MATERIAL AND PLACE IN A PROPERLY LABELLED CLOSED CONTAINER FOR PROPER DISPOSAL.
Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.
Handling and storage requirements: STORE IN A COOL, DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.
Special shipping information: NOT CONTROLLED UNDER T.D.G.

SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.
Skin: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.
Ingestion: CONTACT A PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
Inhalation: REMOVE PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. OBTAIN MEDICAL ATTENTION.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET 100502, CCOSH CHEMINFO.
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