

MATERIAL SAFETY DATA SHEET
SAVEX FOAM Fire Extinguisher

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 21674 Foam Fire Extinguisher

APPLICATIONS: Fire Extinguisher

SUPPLIER: Draper Tools Ltd
Hursley Road
Chandlers Ford
Eastleigh
Hampshire
SO53 1YF

Draper Helpline +44 (0) 2380 494344

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

CAS. No.	Common name	ACGIH OSHA/PPM			
		TWA	STEL	PEL	% by wt
7732-18-5	Water	Not established			87% - 95%
112-34-5	Diethylene Glycol Monobutyl ether				1% - 3%
7487-88-9	Magnesium Sulfate	N/A	N/A	N/A	0.5% - 1%
	Proprietary hydrocarbon surfactant	N/A	N/A	N/A	Proprietary
	Proprietary fluorsurfactant	N/A	N/A	N/A	Proprietary

SECTION 3 - Hazard identification

Routes of entry: Dermal, inhalation and ingestion

Potential health effects: May cause skin and eye irritation

Carcinogenicity: Not a carcinogen

SECTION 4 - First aid measures

Ingestion: Do not induce vomiting, call a physician.

Inhalation: Remove to fresh air.

Skin: Rinse with water, wash with soap and water. Contaminated clothing should be washed before reuse.

Eyes: Rinse with water & call physician.

Section : 5 Fire fighting measures:

Flash point : >160°F
Flammable limits in air (lower % by volume): Not evaluated
Flammable limits in air (upper % by volume): Not evaluated
Auto-ignition temperature : Not evaluated

General hazards: None known
Fire fighting equipment : Self contained breathing apparatus
Fire extinguishing media : Water, foam, carbon dioxide, Dry chemical, Halon
Fire and explosion hazards: Decomposition products may be toxic.

Section : 6 Accidental Release measures:

Contain spills. Vacuum or pump into storage containers, absorb smaller quantities with absorbent materials & dispose off properly. Washing the area with water will create large quantities of foam.

Dispose off released and contained material in accordance with local, state and federal regulations.

Release to local waste treatment plant only with permission.

Section : 7 Handling and storage :

Store in original container, or appropriate end use device. Store at temperature of 35° - 120°F, if the material freezes, it may be thawed without loss of performance.

Section : 8 Exposure controls and personnel protection

Eye protection : Wear side-shield safety glasses.
Skin protection : Wear latex gloves.
Respiratory protection : Use organic vapour respirator if needed.

Section : 9 Physical and chemical properties

Boiling point : 205° - 212°F
Melting point : 30°F
Specific gravity : 1.003 to 0.005 kg/dm³
Vapour pressure (mm Hg) : N/A
PH : 8.0 to 5
Flash point(PMCC) : >160°F
Vapour density(air=1) : N/A
Solubility in water : 100%
Appearance : Clear amber liquid
Odour : Slight solvent odour

Section :10. Stability and reactivity

Stability : Stable
Incompatibility : Strong oxidizers
Hazard polymerization : Will not occur
Decomposition products : Oxides of nitrogen, sulphur, carbon

If stored at ambient temperature away from direct sunlight, shelf life is normally over 10 years

Section : 10 Toxicological information

Eye irritation	: (rabbits) mild irritant
Skin irritation	: (rabbits) minimal irritant
Inhalation toxicity	: not evaluated
Sensitization	: not evaluated
Teratology	: not evaluated
Mutagenicity	: not evaluated
Reproduction	: not evaluated
Acute oral effect (rats)	: not evaluated

Section : 11 Ecological information

	<u>CONCENTRATE</u>	<u>SOLUTION(as used)</u>
Chemical oxygen demand	105,000 mg/l	6,300 mg/l
Biological oxygen demand (20 day)	39900 mg/l	2358 mg/l
Biodegradability (B.O.D/C.O.D)	38%	38%
Total organic carbon	16,800 mg/l	1,008 mg/l
LC50(96 hour pimephales promelas)	466 ppm	7767 ppm
LC 50 (48 hour, daphinia magna)	2220 ppm	37,000 ppm

SECTION 14. Disposal consideration

Dispose in accordance with local, state and federal regulations. Discharge to waste treatment plants only with permission. Antifoam agents may be used to reduce foaming in waste streams.

SECTION 13. Transport information

Department of transportation proper shipping name: not regulated

SECTION 15. Regulatory information

All ingredients are on the TSCA inventory

No components are reportable under SARA title, sec. 313

No components are priority pollutants listed under the U.S. Clean water act section 307(2)(1)

Priority pollutant list (40 CFR 401.15)

No components are reportable under CERCLA

SECTION 16. Other information

NFPA Hazard ratings

1
2
0

Health hazard ratings
Flammability
Instability /reactivity ratings

IS identification system

1
1
0

The information in the data sheet is based on the present state of knowledge and current national legislation. It provides guidance on safety health and environmental aspects of the product and should not be construed as any guidance of this performance. The product should not be used for purposes other than the fire fighting without first referring to the supplier. The user is responsible for ensuring that requirements of relevant legislation are complied with.