

HEALTH & SAFETY INFORMATION
Product Safety Data Sheet
LIGHT WATER (AFFF)

Ref: HS4
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IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY UNDERTAKING

Product Name: FC 206 Light Water (AFFF)
Application: Fire Extinguishing Agent
Supplied by: Pakex UK Plc
1 Prime Point, Welwyn Garden City, Herts, AL7 1FE
Telephone: 01707 384858
Fax: 01707 332838
E-mail: sales@pakexuk.com

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Percent
Water	7732-18-5	80
Ethanol	112-34-5	15
Fluoroalkyl	TS	<5
Synthetic Detergents	TS	<5

HAZARDS IDENTIFICATION

Contact with eyes:

Mildly irritating upon direct eye contact. Persons having eye contact would be expected to experience slight transient irritation.

Contact with skin:

Not expected to be irritating to the skin from limited direct contact. May be absorbed through the skin in harmful amounts if continuous and prolonged contact occurs.

Inhalation:

Mist or vapour may cause irritation of the respiratory system. Very high concentration of vapours may cause vomiting, nausea, diarrhoea, abdominal pain, pulmonary edema and stupor. Symptoms of acute overexposure may include unconsciousness; symptoms of repeated overexposure may include nystagmus, recurrent unconsciousness, hemolysis and bone marrow depression.

Swallowing:

The acute oral LD50 (rat) for FC-206 is greater than 5 gm per kilogram of body weight. FC-296 is considered practically non-toxic orally.

Health Hazard Summary:

Occupational exposure limit-component material, Ethanol 35ppm TWA CMRG from HSE Guidance Note EH 40/89 1000ppm (8 hour TWA)

FIRST AID MEASURES

Contact with the eyes:

Irrigate with eye wash solution for at least 10 Minutes. Obtain medical attention.

Contact with the skin:

Remove contaminated clothing. Wash affected area of skin with soap and water.

Inhalation:

Remove patient to fresh air and keep warm and at rest. Obtain immediate medical attention.

Ingestion:

Do not induce vomiting, give copious amounts of water to drink. Obtain medical attention.

Further Medical Advice:

Symptomatic treatment as indicated.

FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Not applicable (fire extinguishing agent)

Toxic by products including trace amounts of HF may be formed.

ACCIDENTAL RELEASE MEASURES

Observe precautions from other sections. Cover with absorbent material, clean up residue with water.

HANDLING AND STORAGE

Store in temperatures between 1 and 48 c

EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Suitable eye protection should be worn.

Skin Protection:

Overalls and hand protection is desirable for continual handling.

Respiratory Organ Protection:

Not normally required, avoid prolonged or repeated breathing of vapours. If above component exposure limit, use organic vapour cartridge respirator.

Suggested Ventilation:

Use only in well ventilated areas.

Work/Hygiene Practices:

Use only in well ventilated areas.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear amber coloured liquid
Boiling Point (c):	100 c
Flash Point (c):	Not applicable
Auto ignition(c):	Not applicable
Water Solubility:	Miscible

STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	
Materials to avoid:	None known
Hazardous Decomposition Products:	Thermal decomposition may produce toxic materials including Trace amounts of HF
Guidance Notes:	HSE Guidance Note EH 40/89 Occupational Exposure Limits 1989 Source of exposure limit data Chemical Manufacture Recommended Guidelines 3M's UK PLC Material Data Sheet 10-38 18-1

OTHER INFORMATION

The date and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use this product other than for the stated application or applications without seeking advice from us.

If you purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should have been taken.