

MATERIAL SAFETY DATA SHEET

1 Chemical product and company information

Trade name: ULTRA 36
Product application: Fire fighting water additive base
Supplier: FPS (Fire Protection) Limited, Firemark House, Pioneer Park, Whitby Road,
Bristol BS4 3QB Tel: +44 (0)117 971 7050 Fax: +44 (0)117 971 7454

2 Composition and ingredient information

An aqueous concentrated solution of hydrolysed protein, foam stabilisers and preservatives.

Component name	CAS No	% composition	Symbol	Phrase
Water	7732-18-5	63-87		
Butyl Diglycol	112-34-5	10-20	Xi	R36
Fluro-alkyl surfactants		1-6	Xi	R36/38
Alfa Olefines		2-6	Xi	R36/38
Polyethylene Glycol	25322-68-3	0-5		

3 Hazard identification

Irritating to skin and eyes. Ingestion may cause nausea, vomiting and diarrhoea.

4 First aid measures

Inhalation: Move to fresh air.
Ingestion: Rinse mouth with water and give plenty of water to drink. Do not induce vomiting.
Skin contact: Wash off with plenty of water.
Eye contact: Irrigate with fresh water for at least 10 minutes holding eyelids apart.

If symptoms persist seek medical advice and treat symptomatically.

5 Fire fighting measures

No specific measures required as this product is a fire extinguishing medium. If product containers are involved in fire then suitable media should be applied.

6 Accidental release measures

Washing of any spillages into drains should be avoided. Absorb spillage with absorbent granules and transfer to containers for safe disposal.

7 Handling and storage

Product should be diluted with water before use.

Handling: Avoid repeated inhalation or contact with eyes and skin of the foam concentrate.

Storage: Product should be stored in sealed original containers above the freezing point and below 40° C.

8 Exposure controls and personal protection

Occupational exposure standards:

United Kingdom OES: None.

Personal protection: Use of gloves, goggles and protective clothing is recommended.

9 Physical and chemical properties

Appearance:	Clear light amber liquid.
Odour:	Odourless
pH:	7.5 to 8.5
Density/Specific Gravity:	1.016
Solubility:	Missible with water in all proportions.
Flammability:	Non-flammable
Flash point:	> 98° C
Boiling point:	100° C at 760 mm Hg
Freeze point:	-5° C

10 Stability and reactivity

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

11 Toxicological properties

Ingestion:	Can cause vomiting, nausea and diarrhoea.
Skin contact:	Can irritate skin.
Inhalation:	Prolonged extensive or repeated inhalation can be harmful.
Eye contact:	Can irritate eyes.

12 Ecological information

As product is intended as a fire fighting foam it will create copious quantities of foam if washed into watercourses, although it is biodegradable. In the event of large spillage, advise appropriate authorities. In the UK; Environment Agency or SPEA and the local water company.

13 Disposal considerations

Dispose of surplus product or contaminated packaging according to local and national legislation. Do not dispose with water reactive materials.

14 Transport Information

Not classified as hazardous for transport.

15 Regulatory information

Not classified under Chemicals (Hazard Information & Packaging for Supply) Regulations 1994 as hazardous. Refer to Health & Safety at Work Act and the Control of Substances Hazardous to Health Regulations. This material safety data sheet does not constitute the user's own assessment of workplace risk as required by the above regulations. The Manual Handling Operations Regulations may be applicable to certain pack sizes of the product.

16 Other information

The information in this safety 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 guarantee of performance. The product should not be used for purposes other than fire-fighting without first referring to the supplier. The user is responsible for ensuring that requirements of relevant legislation are complied with.

Further information may be obtained from the following Health & Safety Executive publications: EH40 Occupational Exposure Limits (updated annually).