



IFP HAZMAT FOAM

(A Stable vapour suppressing foam to control Spills of Hazardous Materials and Fumes)

DESCRIPTION

IFP HAZMAT FOAM is a non-toxic synthetic foam concentrate made of tensides, stabilizers, bio-polymers, solvents etc. and can be used in all types of medium and high expansion foam generating equipments and also in Compressed-Air Foam System (CAFS). The foam concentrate is completely fluorine free.

IFP HAZMAT FOAM cools and helps to suppress toxic vapour and is suitable for use with fresh as well as brackish / salt water of varying proportion without altering the efficiency.

PROPERTIES

Appearance	Colourless Liquid
pH	6.0 - 8.0
Specific Gravity	1.01 to 1.03 gm/ml
Viscosity	Non Newtonian
Sludge Contents (% V/V)	Nil

APPLICATIONS

IFP HAZMAT FOAM Concentrate is useful in suppressing various hazardous/ toxic vapours. It can be applied through High Expansion, Medium Expansion Foam Generator/ Branchpipe and Compressed Air Foam System (CAFS). While using with the Medium Expansion Foam devices Foam expansion is around 40:1 and Drainage Time (50%) is more than 1 hours. With CAFS System the stability of the foam increases enormously which is helpful in suppressing the toxic vapours to come in contact with air.

Effective on a wide variety of flammable, toxic, corrosive, and odorous liquids, e.g, hydrocarbons, Aldehydes, Ethers, Alcohols, Acids, Amines, Ketones, Esters, Amides, Acrylates etc.

STORAGE/SHELF LIFE

IFP HAZMAT FOAM should be stored in plastic/plastic lined containers. For bulk storage, stainless steel or mild steel tanks with internal epoxy coating is recommended. If stored in original container at below 50°C, a storage life of more than 20 years can be expected. For a short period, maximum storage temperature up to + 65°C should not be harmful. IFP HAZMAT FOAM concentrate can be defrozen / thawed without change in quality

COMPATIBILITY

IFP HAZMAT FOAM is compatible with soft, hard, brackish or salt water.

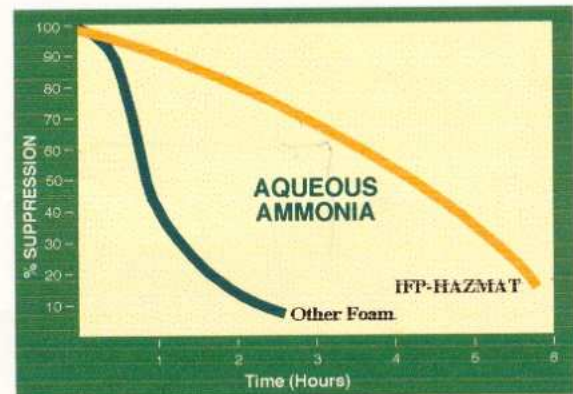
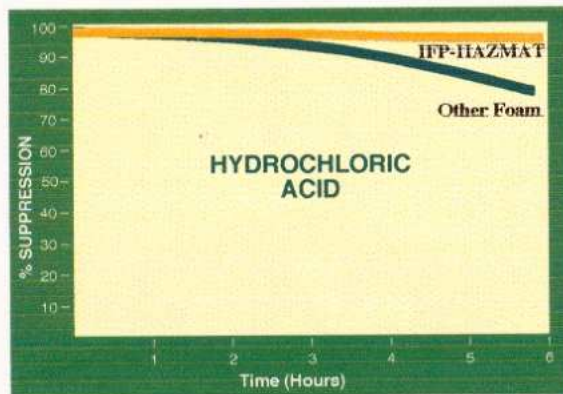
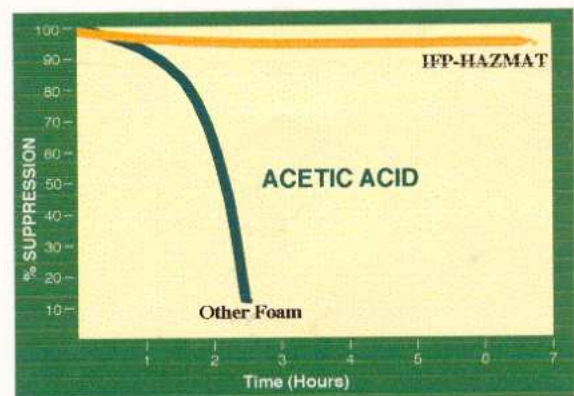
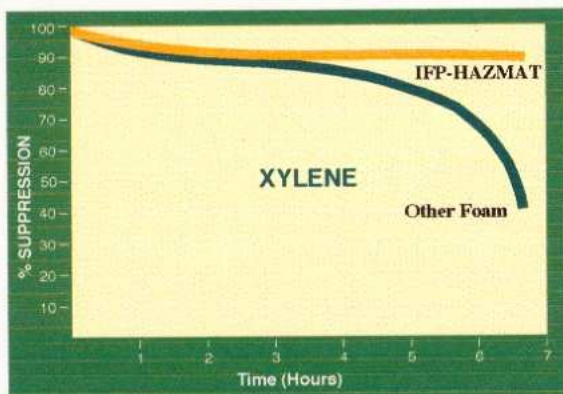
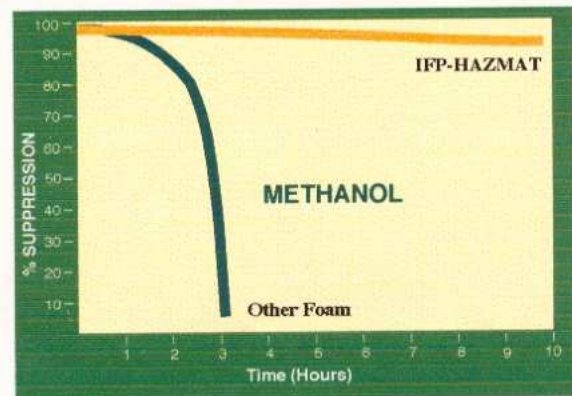
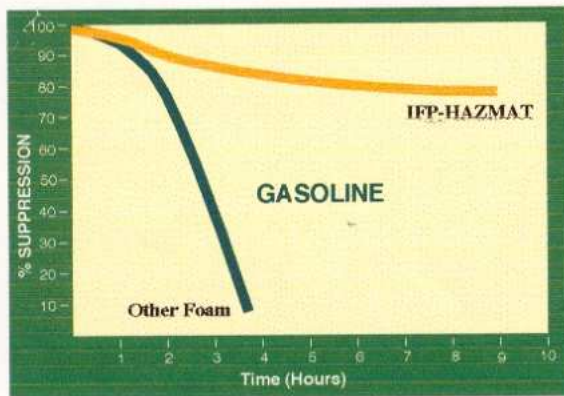
IFP HAZMAT FOAM shall not be mixed with other manufacturers foam concentrate except for use in emergency situations.

ENVIRONMENTAL AND TOXICOLOGICAL INFORMATION

IFP HAZMAT FOAM is biodegradable, low toxic. However, as with any substance, care should be taken to prevent discharge from entering ground water, surface water, or storm drains. It can be treated in sewage treatment systems after a suitable dilution with water to prevent excessive foaming. Since facilities vary widely by location, disposal or discharge of IFP HAZMAT FOAM concentrate or foam solution should be made in accordance with local government rules and regulations.

For further details see IFP HAZMAT FOAM Material Safety Data Sheet.

TYPICAL PERFORMANCE



STANDARD PACKING SPECIFICATION

Container Shape	Rectangular	Rectangular	Cylindrical	Rectangular
Material	HM-HDPE	HM-HDPE	HM-HDPE	HM-HDPE
Capacity	20 ltr	30 ltr	200 ltr.	1000 ltr.
Empty Weight	1.2 kgs	1.8 kgs	9.2 kgs	57 kgs
Nominal Dimensions (mm)	L W H	L W H	D H	L W H
	280 250 390	320 290 425	590 915	1200 1000 1155

Container capacity and seaworthy packing also complied with customers' requirements

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