

## **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).

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, an indefinite storage life 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. It can be used in combination with Dry powder extinguishing agents either separately or as twin agent systems.

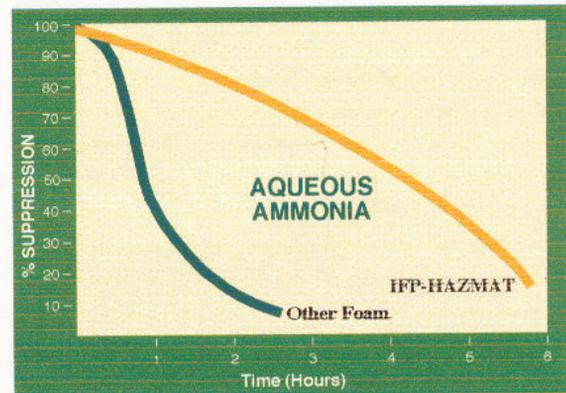
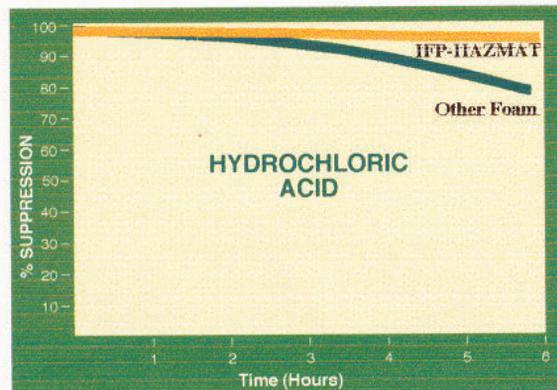
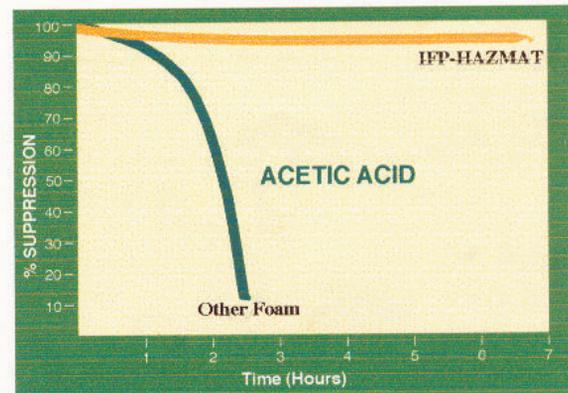
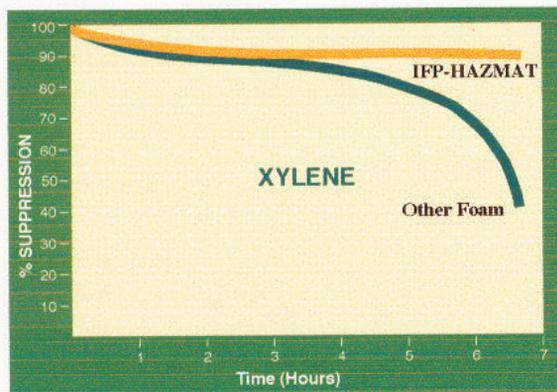
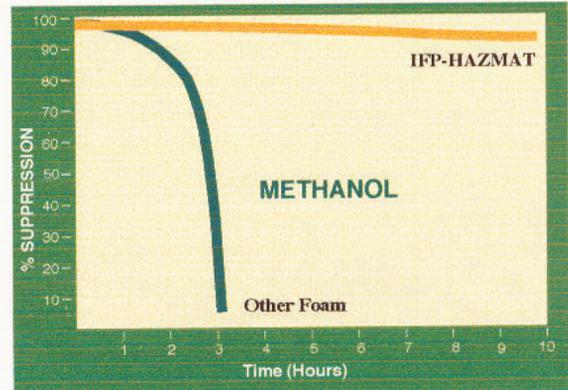
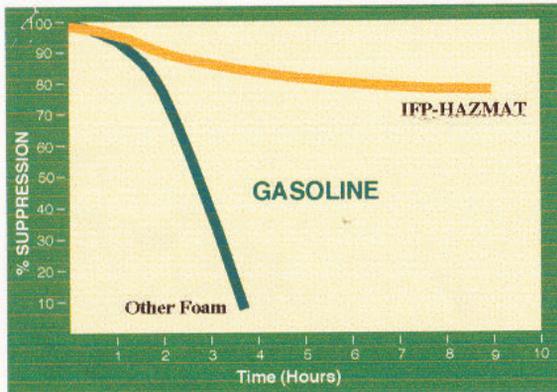
IFP HAZMAT FOAM shall not be mixed with other manufacturers foam concentrate except for use in emergency situations.

### **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. 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 HM-HDPE	Rectangular HM-HDPE	Cylindrical HM-HDPE
Capacity	20 Ltrs	30 Lts	200 Lts.
Empty Weight	1.2 Kgs	1.8 kgs	9.0 kgs
Nominal Dimensions (mm)	H W B 357 282 278	H W B 495 242 380	H D 915 585

Container capacity and seaworthy packing also complied with customers' requirements

**Contacts in Emergency : +919903914042; +919903973900**

## Integrated Fire Protection Pvt. Ltd.

60A, Pandit Madan Mohan Malabya Sarani, Kolkata - 700 020 INDIA  
 Phone : (91) (33) 2454-1061, 2475-5634, Fax : (91) (33) 2476-1107, 2283-1331  
 E-mail : [integratedfire@gmail.com](mailto:integratedfire@gmail.com)  
[www.integratedfire.net](http://www.integratedfire.net)