



Aqueous Film Forming Foam

Approval

ISI Marked, as per IS: 4989-Part-II DIFR Tested, TAC Approved

Composition

Quality AFFF if a synthetic based foam compound mixed with addition of fluorotensides possessing the property to create the film of water solution that floats on top of non-polar flammable liquids.

Application

"The Choice of every industry at risk"

It can be used either with fresh, brackish or seawater. AFFF concentrate is available for use at 6%, 3%, 1% concentrate, and can used with all conventional foam equipment.

In addition its unique properties make it suitable for use in: Water fog/ spray nozzle and monitors, deluge sprinklers and spray systems, closed head sprinklers, sub surface injection (strong Tanks), hose reel installation, existing vehicles and systems can be simply converted or refitted to take advantage of the unique AFFF benefits. Apart from its use as a first aid agent in those high-risk situations such as air crash fires, where quick fire attack and control are essential to protect life or to prevent ignition of larger fire, AFFF also proves its effectiveness in the following risk areas.

Area of Application Include

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| <ul style="list-style-type: none"> • Transportation <ul style="list-style-type: none"> ○ Tankers ○ Loading Base ○ Aircraft ○ Vehicle Fire ○ Marine ○ Hangers ○ Storage Tanks • Hydrocarbon Processing <ul style="list-style-type: none"> ○ Refinery ○ Pump Station ○ Tank Loading Racks ○ Storage Tanks • Chemical Processing <ul style="list-style-type: none"> ○ Solvent Extraction ○ Pharmaceuticals ○ Polymers ○ Process Area ○ Manufacturing ○ Storage Tanks | <ul style="list-style-type: none"> • Offshore <ul style="list-style-type: none"> ○ Platform Processing ○ Helidecks ○ Stroage Area ○ Pipelines • General Industrial <ul style="list-style-type: none"> ○ Metal Treating Plants ○ Painting & Coating ○ Vehicle Assembly ○ Warehousing & torage • Fire Brigade <ul style="list-style-type: none"> ○ Domestic Fires ○ Toxic Wash Control ○ Industrial Fires ○ Vehicle Fires |
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SHRI S. S. CHEMICAL INDUSTRIES

MANUFACTURE OF PROTEIN BASE FOAM COMPOUND

Compatibility

Foam produced is compatible with all know protein and synthetic foams as with foam compatible dry powders.

Storage

It has indefinite shelf life. We guarantee minimum 15 years.

Packing

20/ 30/ 200 Ltrs. Palstic Containers.

Specification

pH	6.5 – 7.5
Specific Gravity	0.8 – 1.1
Miscibility with Water	Miscible
Viscosity	Max 20 cst
Sludge Content	Max 0.1%
Freezing Point	-5°C
Spreading Coefficient	> 3
Film Formation	Forms aqueous Film
Expansion	> 6
25% Drainage Time	> 72 sec.
Fire Extinction Time	< 60 Sec.
Burn Back Resisitance	> 8 min.

- This leaflet and technical information are for guidance only.
- All data contained herein are given without any liability.
- They are subject to medication for technological improvement

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