



# Product Range

| No | Product 's Name                                             | Composition                                                                          | Application                                                                                                                                                                                                                                                                                                      | Expansion degree          |
|----|-------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| 1  | Fluoroprotein foam<br>concentrate (FP)                      | Fluoroprotein foam concentrate<br>based on protein and fluorinated<br>surfactants    | For hydrocarbons (such as aviation kerosene, crude oil, gasoline, and diesel fuel)                                                                                                                                                                                                                               | low expansion foam (8-12) |
| 2  | Film forming<br>fluoroproteinfoam (FFFP)                    | Containing hydrolysed protein,<br>preservatives and other<br>fluorinated surfactants | Used for hydrocarbons, such as crude oils,<br>gasoline's, diesel fuel, etc.<br>They are used extensively on Rapid Intervention<br>Vehicles at major internationalairports and<br>military bases where fast extinguishment<br>and postfire security with limited quantities<br>of foam concentrate are essential. | low expansion foam (8-12) |
| 3  | Alcohol resistant film<br>formingfluoroprotein<br>(AR-FFFP) | Containing hydrolysed protein,<br>preservatives and other fluorinated<br>surfactants | flammable liquids of solvents, alcohols, ketones,<br>amines, acids, or other oxygenated organic<br>compounds as well as liquid hydrocarbons.                                                                                                                                                                     | low and medium expansion  |
| 4  | High expansion foam                                         | Mixture (hydrocarbon base<br>surfactants)                                            | For non-polar hydrocarbons (fire class B) and<br>solvents, plastics, recyclables, tires, solid<br>material fires (fire class A).This foam is usually<br>used for storage areas, mine galleries and tank<br>farm trenches                                                                                         | High expansion (200-1000) |
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Firefighting Products 1

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|----|-----------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--|
| 5  | Synthetic aqueous film-<br>forming foam (AFFF)                        | Mixture of hydrocarbon base and fluorinated surfactants | Usinf for class B hydrocarbon fuel fires                                                                                                                | low and medium expansion (8-12) |  |
| 6  | Synthetic alcohol resistant<br>aqueous film-forming foam<br>(AR-AFFF) | Mixture of synthetic and fluorinated base surfactants   | For flammable liquids which are miscible in water, like alcohols, cottons, amines, acids, oxygenated hydrocarbons, monomers and other organic solvents. | low and medium expansion (8-12) |  |
| 7  | Class A Foam                                                          | Mixture of foaming and wetting agents                   | For Class "A" fires like Tire fires, Dumpster fires, Deep seated fires in landfills or hay, Exposure protection, Short term fire breaks                 |                                 |  |
| 8  | Fire extinguishing powder<br>based on sodium bicarbonate<br>(PO-600)  | Based on sodium bicarbonate                             | Suitable for classes B + C, including flammable liquids and gases.                                                                                      |                                 |  |
| 9  | Fire extinguishing powder (PO-700)                                    | Based on potassium bicarbonate                          | Suitable for classes B + C, including flammable liquids and gases                                                                                       |                                 |  |
| 10 | Fire extinguishing powder (PO-800)                                    | Based on mono ammonium phosphate                        | Suitable for A, B, C fire classes, materials like wood, and textile                                                                                     |                                 |  |
| 11 | Fire extinguishing powder<br>(PO-900) based on alkaline               | Based on alkaline                                       | Suitable for D fire class . Including metals such as Magnesium, Zinc, Iron, and so on                                                                   |                                 |  |

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Strengths and advantages a global Schatco network

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Address: Schatco GmbH, Karl-Stieler-Str 5 60320 Frankfurt Am Main, Germany Email: germany.office@schatcogmbh.com

#### CANADA

Address: 407-204 Cayer St, Coquitlam. BC, Canada V3k 5B1 Email: canada.office@schatcogmbh.com

#### UAE

Address:Flat No-216, MED-67, Street 5 Discovery Garden, Dubai, UAE. Email: uae.office@schatcogmbh.com

### CHINA

Address: No.268 Yidong Road, Yiwu, Zhejiang Province, China Email: china.office@schatcogmbh.com

#### 🗾 INDIA

Address: A/401, Shivam Building, Surendra Nagar, Nagpur – 440022, INDIA. Email: india.office@schatcogmbh.com

### TURKEY

Address: Unit 7, apartment number: 49, Florya Avenue, Senlikkoy neighborhood, Bakirkoy, Istanbul, Turkey. Email: info.tr@schatcogmbh.com

> Firefighting P r o d u c t s

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# Firefighting Products

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