



## Fluorosurfactant

Grade Ref: FC 4430  
Manufacturer: 3M, USA

3M™ Fluorosurfactant C4 chemistry FC-4430 is a non-ionic Polymeric fluorochemical surfactant additives that provides low surface tensions in coating systems best served by fluorochemical surfactants.

### Typical Properties

Form. ....Clear, yellow viscous liquid

#### Composition

90% polymeric fluorochemical actives

8% non-fluorochemical actives

2% co-solvents

Ionic nature.....Non Ionic

Specific Gravity g/cc.....1.14

pH (of 1% aq. solution).....4.5

Solubility in water .....Dispersible in all proportions

### Key advantages

- Super wetting agent
- Improve Dispersion
- Improve leveling
- Dirt pick up resistance
- Surface tension reduction
- Increase gloss
- Stain resistance

### End use applications

- Water & Solvent borne coatings
- Water and Solvent borne inks
- UV Cured coatings & adhesives
- Adhesives & Sealants
- Epoxy and PU clear coats
- De-greasers & Cleaners
- Metal Treatment chemicals
- Soldering Paste
- Electronic coatings on PCB
- Additive formulation
- PTFE & non stick coating additive

Interfacial surface tension

| Solvent                  | Weight % FC-4430 |     |     |     |
|--------------------------|------------------|-----|-----|-----|
|                          | 0.0              | 0.1 | 0.2 | 0.5 |
| Distilled Water          | 72               | 23  | 21  | 20  |
| Methyl Alcohol           | 23               | 23  | 23  | 23  |
| Butyl Cellosolve         | 28               | 27  | 27  | 27  |
| Butyl Carbitol           | 30               | 29  | 29  | 29  |
| Methyl Ethyl Ketone      | 25               | 24  | 24  | 24  |
| Toluene                  | 28               | 28  | 28  | 28  |
| Dimethylformamide        | 33               | 33  | 33  | 32  |
| Polyethylene Triol LG-56 | 33               | 23  | 22  | 22  |

Available packaging

40 Lb Pail

Shelf life

2 years

3M is a trademark of 3M - Geocon Products are distributors of 3M India Limited.  
To support Indian market and customers we keep stocks of Fluorosurfactants in warehouse & support customers



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