



# HEXA FOR™ 675

## SHORT PERFLUORINATED CHAIN FLUOROSURFACTANT

### DESCRIPTION

**HEXA FOR™ 675** is a water soluble, ethoxylated non-ionic fluorosurfactant that effectively reduces surface tension at very low concentrations. **HEXA FOR™ 675** is based on **short-chain molecule containing 6 fluorinated carbon atoms**, that cannot breakdown to PFOA in the environment

### SPECIAL FEATURES

- ❖ Specifically for water based systems
- ❖ Good reduction of surface tension at very low concentrations
- ❖ Excellent levelling
- ❖ Reduced orange peel effect
- ❖ Improved wetting of most water-solvent based
- ❖ High Flash Point (not flammable)
- ❖ Short chain (C6) technology
- ❖ Meets the goals of the voluntary U.S. EPA 2010/2015 PFOA Stewardship Program
- ❖ **HEXA FOR™ 675** is exempt from the obligation imposed by REACH regulation because it is classified as a polymer.
- ❖ Targeted below LOD for PFOA (**PFOA free\***)

### ROSS-MILES FOAM VOLUME at 25°C (DI water) [ml]

	Initial	5 min
0.1% of active material	275	216

### SPECIFICATION

Non volatile content: 50 – 53%  
pH : 3 – 6

### APPLICATIONS

**HEXA FOR™ 675** expresses its best properties already at very low concentration (0,02 – 0,2%).

Some examples of application:

- ❖ Paint, coating and inks
- ❖ Waxes and polishes
- ❖ Floor strippers, industrial and institutional cleaning
- ❖ Metals treatments
- ❖ Adhesive

### TECHNICAL INFORMATIONS

APPEARANCE	clear liquid
IONIC NATURE	Non ionic
DENSITY	1,16 g/cm <sup>3</sup>
FLASH POINT	111°C (70°F)
MOLECULAR WEIGHT	900 (indication only)
COMPOSITION	50 - 53% active material 23 - 24 % ethylene glycol 24-26 % Water

### SOLUBILITY

>2% in Water, Butyl Cellosolve, Isopropyl alcohol, Methyl Ethyl Ketone, DPM,

### SURFACE TENSION IN DEIONIZED WATER AT 25°C

(Wilhelmy plate method. Values after 1h from the solution preparation)

- ❖ 22,3 dyn/cm at 0,01 % (active material)
- ❖ 18,6 dyn/cm at 0,05 %
- ❖ 18,0 dyn/cm at 0,1 %



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## TECHNICAL DATA SHEET



### STORAGE AND STABILITY

**HEXAFOR™ 675** is stable for two years if stored in original closed drums at temperatures of 4 – 45°C (39 – 113°F). Stable to freezing; heating is not recommended (flammable liquid).

### PERSONAL SAFETY

**HEXAFOR™ 675** does not contain toxic substances. Consult the current **Material Safety Data Sheet** for safety use of the product.

### PACKAGING

- ❖ Kg 5 – Drum
- ❖ Kg 25 – Drum
- ❖ Kg 100 – Drum

\* Wherever the term "PFOA Free" is used in this website, it means content of PFOA is less than limit of detection (20ppb).



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