

# ALFONIC 10-8 Ethoxylate



SASOL

## Technical Data Sheet

### Description

Sasol Chemicals ALFONIC 10-8 Ethoxylate is a biodegradable nonionic derived from linear primary ALFOL 10 Alcohol. ALFONIC 10-8 Ethoxylate is liquid at room temperature, essentially 100% active and has the following structural formula:  $\text{CH}_3(\text{CH}_2)_9(\text{OCH}_2\text{CH}_2)_8\text{OH}$ .

### Applications

ALFONIC 10-8 Ethoxylate may be used in a wide array of applications including hard surface cleaning, detergent, industrial and institutional cleaning and personal care.

### Properties

Typical physical properties are listed in the table to the right. Actual properties will vary from lot to lot.

### Contact information

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Typical properties	ALFONIC 10-8
Avg. molecular weight, g/mol	510
Avg. EO content, wt. %	69
Free EO, ppm	1 max.
Hydroxyl number, mg KOH/g	105 – 115
Water, wt. %	0.5 max.
Glycol, wt. %	2 max.
Free alcohol, wt. %	2 max.
Density, g/mL @ 40°C / 104°F	0.994
Flash point, °C (°F)	> 100 (212)
Cloud point, 1 % in water, °C (°F)	77 – 86 (171 – 187)
Pour Point, °C (°F)	13 – 15 (55 – 59)
Viscosity, cSt @ 40°C / 104°F	26
pH, 5 % in IPA/water	5 – 7
Color, APHA, mg Pt/L	100 max.
HLB, calculated	13.8
Wettability on cotton, seconds	--
Critical Micelle Concentration, mg/L	--
SFT, mN/m	--
Avg. Contact Angle on PTFE	--
Solubility in water, 2 wt. %	Soluble

*\*Mix samples well before use.*

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