



### Description

MARLOX RT 42 is one of the many low-foaming EO/PO non-ionic surfactants produced by Sasol Chemicals in Germany. These alcohol alkoxylates are based on Sasol's wide range of linear and semi-linear fatty alcohols. They are produced by alkoxylation of the fatty alcohols to varying degrees using ethylene oxide and propylene oxide. MARLOX RT 42 is a clear to turbid liquid at room temperature and essentially 100% active.

### Applications

MARLOX RT 42 may be used in a wide array of applications including as a high-quality biodegradable emulsifier, in metal cleaning, water-miscible cooling lubricants, detergents, textile auxiliaries, and industrial and institutional cleaning products. It may also be used as a co-surfactant and in a variety of other technical applications where low-foaming surfactant is essential.

### 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	MARLOX RT 64
Avg. molecular weight, g/mol	610
Water, wt. %	1 max.
Density, g/mL @ 20°C / 68°F	0.94
Flash point, °C (°F)	200 (392)
Cloud point, 10% in BDG, °C (°F)	51 - 53 (124 - 127)
Solidification point, °C (°F)	13 (55)
Kinematic viscosity, cSt @ 50°C / 122°F	23
pH, 5% in water	5 - 7
CMC, g/l	--
Surface tension @ CMC, mN/m	--
Dyn. contact angle, stainless steel, °	55
HLB, calculated	8.5
Solubility in water, 2 wt. %	dispersible

*\*Mix samples well before use.*

### Don't see what you are looking for?

Sasol Chemicals offers a wide range of alcohols and surfactants. Please contact us for information about creating your own personalized product.

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