

### Description

MARLOX RT 64 is one of the many low-foaming EO/PO non-ionic surfactants produced by Sasol Chemicals in Germany. These alcohol alkoxyates 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 64 is a turbid liquid at room temperature and essentially 100% active.

### Applications

MARLOX RT 64 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 slightly from lot to lot.

### Contact information

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

Typical Properties	MARLOX RT 64
Avg. molecular weight, g/mol	784
Water, wt. %	0.5 max.
Color, APHA, mg Pt/L	200 max.
Free EO, ppm	1 max.
pH, 2% in DI water	5 – 7
Density, g/mL @ 20°C / 68°F	0.96
Cloud point, 10% in BDG @ 25%, °C (°F)	60 - 62 (140 - 144)
Flash point, °C (°F)	200 (392)
Setting point, °C (°F)	7 (45)
Viscosity, mPa s @ 50°C / 122°F	30
CMC, g/l	0.1
Surface tension @ CMC, mN/m	31.1
Dyn. contact angle, stainless steel, °	41
HLB, calculated	10.0
Solubility in water, 2 wt. %	dispersible

*\*Mix samples well before use.*

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