

DOC NO	REV	ISSUED	CLASS
TDS-JETOX60	01	10/2026	Silicone emulsion

TECHNICAL DATA SHEET

JETOX 60 SILICONE EMULSION

General-Purpose Silicone Emulsion · 60 % Active · Non-Ionic

ACTIVE CONSTITUENTS	BASE VISCOSITY 25 °C	SPECIFIC GRAVITY 25 °C	PH
60 % approx.	350 mm ² /s	1.0 approx.	4 – 9 approx.

PRODUCT DESCRIPTION

Jetox 60 is a general-purpose, non-ionic aqueous emulsion containing 60 % of a medium-viscosity polydimethylsiloxane (approx. 350 mm²/s at 25 °C).

HOW TO USE

Dilution of the material with water prior to use provides an excellent means of incorporating low concentrations of silicone emulsion accurately and economically. Such dilution may provide greater ease of handling and more effective use of silicone.

PRODUCT TYPE

- Appearance: homogeneous, milky white
- Emulsifier: non-ionic
- Diluent: water

BENEFITS

- Small particle size (<1 micron) giving good stability
- Good dilution stability up to 2 % in water
- Low viscosity, giving good wetting and less streaking
- Mild pH (approx. 4 – 9), which helps prevent corrosion of machinery
- Nonylphenol-free surfactant system, which is environmentally friendly

KEY PERFORMANCE PROPERTIES

- Outstanding resistance to heat: no thermal degradation that could leave carbonaceous residues
- Chemical inertness
- Good water-repellent properties (glass industry)
- Complete incompatibility with some organic materials
- Good lubricating power
- Brightening of colours (textile industry)

- Mould release of technical rubber, tyres and plastics, as well as foundry materials
- Sizing of synthetic fibres
- Silky sheen for furs
- Anti-adherence in textile finishing formulations
- Water-repellent, anti-adherent treatment for industrial glassware
- Constituent of maintenance products and polishes: floors, furniture, leather, tyres
- Coolant and lubricant for cutting knives
- Lubricating, anti-mottling and brightening agent in the printing industry

TYPICAL DATA

PARAMETER	UNIT	TYPICAL VALUE
Appearance	–	Homogeneous, milky white
Active constituents, approx.	%	60
Type of emulsifier	–	Non-ionic
Specific gravity at 25 °C, approx.	–	1.0
Viscosity of the base fluid at 25 °C, approx.	mm ² / s	350
pH, approx.	–	4 – 9
Diluent	–	Water

A Product Safety Data Sheet should be obtained from your JETTA office prior to use.

ATTENTION: Before handling, read the product information, Product Safety Data Sheet and container labels for safe use and for any physical and/or health hazard information.