

Product Information

TOMADOL® 25-9

PRODUCT DESCRIPTION

Evonik produces a wide variety of nonionic surfactants. The Tomadol® ethoxylates vary in both hydrophobe and ethylene oxide chain lengths, to yield a wide range of physical and surfactant properties. Tomadol® ethoxylates are nonionic surfactants, excellent wetting agents and emulsifier for industrial applications. Tomadol® ethoxylates are moderate foamers.

Typical Properties

Property	Unit	Value
Cloud Point	°C	67-80
Color APHA		≤50
Density at 25 °C	g/cm ³	0.990
Ethylene Oxide (EO) Group, Avg.		9.0
Flash Point	°C	≤188
Hydrophilic-lipophilic Balance (HLB) Value		13.1
Hydroxyl Value	mg KOH/g	88-98
Pour Point	°C	21
Surface Tension 0.1 wt%	mN/m	30

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Industrial Applications

BENEFITS & ADVANTAGES

- Excellent cleaning, ideal for detergent formulations
- Useful in targeting water dispersible and particulate soils
- Higher water solubility helps to solubilize lower HLB emulsifiers
- Effective in preventing soil redeposition
- Excellent biodegradation profile

HANDLING & PROCESSING

For handling information, please refer to our material safety data sheet.

STORAGE

The Tomadol® ethoxylates should be stored under dry and clean conditions between -10°C and 50°C.

For further information please refer to our material safety data sheet.

SHELF LIFE

2 years from the date of manufacture.

HAZARDOUS SUBSTANCE

Information concerning

- Classification and labelling according to regulations for transport and for dangerous substances
- Protective measures for storage and handling
- Measures in case of accidents and fire
- Toxicity and ecological effects

is given in our material safety data sheets.

Registration Listings

Registry	Status
Australia (AIIC)	Yes
Canada (DSL)	Yes
Switzerland (ChemO)	Yes
China (IECSC)	Yes
EU (EINECS/ELINCS)	Yes
UK (UK-REACH)	Yes
Japan (ENCS)	Yes
South Korea (TCCL)	Yes
New Zealand (NZIoC)	Yes
Philippines (PICCS)	Yes

Registration Listings

Registry	Status
Türkiye (KKDIK)	Yes
Taiwan (TCSI)	Yes

Registration Listings

Registry	Status
USA (TSCA)	Yes

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH

Interface & Polyurethane Additives
Goldschmidtstraße 100
45127 Essen
Germany