

## Product Information

## TOMADOL® 1-9

## 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
<b>Color</b> APHA		≤50
<b>Density</b> at 21 °C	g/cm <sup>3</sup>	1.00
<b>Flash Point</b>	°C	≤165
<b>Hydrophilic-lipophilic Balance (HLB) Value</b>		13.9
<b>Hydroxyl Value</b>	mg KOH/g	95-102
<b>Pour Point</b>	°C	18
<b>Surface Tension</b> 0.1 wt%	mN/m	31

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

Industrial Applications

## BENEFITS &amp; ADVANTAGES

Made from linear synthetic alcohols, a complete range of excellent wetting agents, emulsifiers and detergents that provide ease of handling and formulation.

## 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 LISTING SUMMARY

The relevant components of TOMADOL® 1-9 are listed/registered or exempt in the following chemical inventories.

## Registration Listings

Registry	Status
<b>Australia (AIIC)</b>	Yes
<b>Canada (DSL)</b>	Yes
<b>China (IECSC)</b>	Yes
<b>EU (EINECS/ELINCS)</b>	Yes
<b>UK (UK-REACH)</b>	Yes
<b>Japan (ENCS)</b>	Yes
<b>South Korea (TCCL)</b>	Yes
<b>Philippines (PICCS)</b>	Yes
<b>Türkiye (KKDIK)</b>	Yes
<b>USA (TSCA)</b>	Yes

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