

Product Information

TOMADOL® 1-5

PRODUCT DESCRIPTION

The TOMADOL® 1-5 ethoxylates function as wetting agents and emulsifiers in various agricultural chemical applications. Tomadol 1-5 at 0.1% promotes excellent wetting of hydrophobic substrates by reducing the static surface tension to 26 mN/m. Also, at 0.015% in water the contact angle measures 18°. TOMADOL® 1-5 is an excellent emulsifier, especially for aromatic and paraffinic solvents.

Typical Properties

Property	Unit	Value
Aqueous Solubility		
Color		≤30
APHA		
Density	g/cm ³	0.966
at 25 °C		
Ethylene Oxide (EO) Group, Avg.		5
Flash Point	°C	≤150
Hydrophilic-lipophilic Balance (HLB) Value		11.2
Hydroxyl Value	mg KOH/g	137-150
Melting Point	-17 °C	-4
Pour Point	°C	6
at 25°C		
Surface Tension	mN/m	25
0.1 wt%		
Viscosity	mPa·s	18
at 38°C		

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Industrial Applications

BENEFITS & ADVANTAGES

Made from linear synthetic alcohols, TOMADOL® 1-5 is an excellent wetting agent and emulsifier that provides ease of handling and formulation. Tomadol 1-5 is readily biodegradable.

PACKAGING

4 x 200 kg drums (full pallet) | 1000 kg container

STORAGE

The TOMADOL® 1-5 ethoxylates should be stored under dry and clean conditions between -10°C and 50°C. Please refer to 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

EU and non-EU countries

Per 40 CFR 180.910 TOMADOL 1-5 (data rights) is exempt from the requirement of a tolerance when used in accordance with good agricultural practice as an inert ingredient in pesticide formulations applied to growing crops or to raw agricultural commodities after harvest.

Registration Listings

Registry	Status
Australia (AIC)	Yes

Registration Listings

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

Registry	Status
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Philippines (PICCS)	Yes
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Türkiye (KKDIK)	Yes
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Taiwan (TCSI)	Yes
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USA (TSCA)	Yes
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Disclaimer

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