

Material Safety Data Sheet

Version: 1.19

Revision Date : 10/11/2010
Date Issued : 08/23/2013

TEGO WET 500

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name : TEGO WET 500
PRODUCT CODE : 202475
CHEMICAL FAMILY : Alkoxylated Alcohol

Information on manufacturer/supplier : Evonik Industries AG
Werk Tego
Goldschmidtstr. 100
Essen, 05 45127

Emergency telephone number (24h) :
Telephone:
CHEMTREC (800) 424-9300
CANUTEC (613) 996-6666
Non-Emergency Phone Number: (800) 732-5616

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Concentration [%]
Oxirane, methyl-, polymer with oxirane, mono(3,5,5-trimethylhexyl) ether	204336-40-3	> 95

3. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance

Form : Liquid
Colour : colourless, clear
Odour : mild
pH :
not measured

Potential health effects

Eyes : Slightly irritating to eyes upon contact.
Skin : No harmful effects have been reported upon contact with skin.

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Ingestion : No harmful effects have been reported upon ingestion.
Inhalation : No harmful effects have been reported upon inhalation.
Primary routes of entry : Eyes
Target organs : Eyes
Carcinogenicity : Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

4. FIRST AID MEASURES

Eyes : Flush eye immediately and thoroughly while protecting the unhurt eye. If symptoms persist, seek medical attention.
Skin : Immediately and thoroughly, wash off with soap and water.
Ingestion : If swallowed, seek medical attention and show MSDS.
Inhalation : Ensure supply of fresh air.
General advice : Remove contaminated clothing.

5. FIRE-FIGHTING MEASURES

Flash point : > 430 °F
Method: Penskey-Marten CC
Autoignition temperature : not measured
Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.
Extinguishing media which must not be used for safety reasons : not applicable
Products in case of fire : In the event of fire the following can be released:
- carbon dioxide, carbon monoxide
Special protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

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Hazardous decomposition : None with proper storage and handling.
products

OSHA flammable class : Combustible Liquid, Class IIIB

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up / : Small spills :
taking up Control spill with adsorbant pads or booms, if necessary.
Apply granular or loose sorbent to spill. When adsorbed,
sweep or otherwise collect and dispose of properly.

Release Notes :

US regulations require reporting spills of this material that could reach any surface waters

In case of accident or road spill notify :

Telephone:

CHEMTREC USA (800) 424-9300
CANUTEC Canada (613) 996-6666
CHEMTREC (other countries) (International code)+1-202-483-7616

7. HANDLING AND STORAGE

General Procedures Handling

Advice on protection : No special measures required.
against fire and explosion

Storage

Further information : Keep container closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

General protective : Avoid contact with eyes and skin
measures

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Hygiene measures	: Remove contaminated clothing immediately. Wash hands thoroughly with soap and water before breaks and after every working shift. Do not eat, drink or smoke while working. Avoid contact with eyes and skin.
Respiratory protection	: Respiratory protection is not required.
Hand protection	: PVC gloves
Eye protection	: Use chemical resistant goggles or safety glasses with side shields.
Protective clothing	: Light protective clothing is required.
Engineering controls	: Good general (mechanical) ventilation should be sufficient to control airborne levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Colour	: colourless, clear
Odour	: mild
State of aggregation	: Liquid
Melting temperature	: -45.40 °F Method: DSC
Boiling temperature	: 642.20 °F
Vapour pressure	: 1.4 hPa at 68.00 °F Method: OECD 104
Density	: 0.94 - 0.98 g/cm ³ at 77.00 °F Method: DIN 51757
Weight per volume	: 7.99 Lb/Gal
Water solubility	: 1 - 10 g/l at 25 °C
pH	: not measured

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Viscosity, dynamic : 20 - 32 mPa.s
at 25 °C
Method: DIN 53019

Volatile organic compound : 73.8 g/l
0.62 Lb/Gal
Percent Water: 0.1 %
percent non-volatile: 92.12 %

10. STABILITY AND REACTIVITY

Conditions to avoid : None

Thermal decomposition : Not measured

Hazardous reactions : No hazardous reactions with proper storage and handling.

Hazardous polymerisation : No

Stability : Yes

Hazardous decomposition products : None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 Species: rat
Dose: > 2,000 mg/kg
Method: OECD 401

Skin irritation : Species: rabbit
non-irritant
Method: OECD 404

Eye irritation : Species: rabbit
slight irritant effect - does not require labelling
Method: OECD 405

Note : Due to the composition of the product it cannot be excluded:
Irritant to eyes.

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12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biological degradability : not readily degradable
Method: OECD 301 D

Ecotoxicity effects

Toxicity to fish : LC50 Species: Brachydanio rerio
Dose: 26.8 mg/l
Exposure time: 96 h
Method: OECD 203

Further ecological information

Ecological notes : Do not allow the product to enter soil or water ways.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

Product disposal and disposal requirements : In accordance with local authority regulations, take to special waste incineration plant

Contaminated packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. TRANSPORT INFORMATION

Sea transport

IMDG:

Not regulated

Air transport

ICAO/IATA:

Not regulated

DOT (Department of Transportation)

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CFR Road:

Not regulated

CFR Rail:

Not regulated

CANADA Transport of Dangerous goods

TDG Road:

Not regulated

TDG Rail:

Not regulated

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15. REGULATORY INFORMATION

United States

- SARA Section 311/312 : Fire: No
Pressure generating: No
Reactivity: No
Acute: No
Chronic: No
- SARA Sections : SECTION 313
Notification : No
This product contains no SARA Title III, Section 313 listed chemicals.
- Notification Status : TSCA
Notification : Yes
All intentional ingredients are listed in the TSCA Inventory or comply with TSCA Polymer Exemption criteria per 40 CFR 723., This product is composed of an alkoxylated alcohol (CASRN 204336-40-3) that is regulated pursuant to a Significant New Use Rule (SNUR) under Section 5(a)(2) of TSCA. To be compliant with the SNUR's use restrictions, this product may only be used as - "Wetting agent, dispersing agent, and defoaming/deaerating agent in water-borne coatings, inks, and paints; water based adhesive; and UV coatings"--"a wetting agent in water miscible metalworking fluids"--"a wetting agent in powdered construction additives for use in cementitious mortars, grouts and tile adhesives" or "a wetting agent in liquid admixtures for concrete." As this product is composed of an alkoxylated alcohol (CASRN 204336-40-3) that is regulated pursuant to a SNUR, the Exporter's Notification Requirements per Section 12(b) of TSCA apply to any export of this product. Please contact Goldschmidt Product Stewardship Group, if you require additional information. (Reference 40 CFR 721.522)
- California Proposition 65 Statement : Notification : No
This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

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Canada : WHMIS CLASSIFICATION
Non-WHMIS

This product does not contain component(s) on the WHMIS Ingredient Disclosure List.

Notification Status : Canadian Environmental Protection Act
DSL
Notification : Yes
All intentional ingredients are listed on the DSL (Domestic Substance List) or have been notified pursuant to the NSN regulations.

16. OTHER INFORMATION

HMIS Codes : Fire : 1
Health : 1
Physical Hazard : 0
Protection : X

Manufacturer disclaimer : While the information and recommendations contained herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon

END OF MSDS