

# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

**Product identifier:** TEGO® Wet 500

**Chemical name:**

Oxirane, methyl-, polymer with oxirane, iso-alkyl alcohol

**Other means of identification**

**CAS Number:** 204336-40-3

**Recommended restrictions**

**Recommended use:** Industrial Use

**Restrictions on use:** None known.

**Manufacturer/Importer/Distributor Information**

Company Name : Evonik Corporation  
Nutrition & Care  
7801 Whitepine Road  
Richmond, VA 23237  
USA

Telephone : +1 804 727 0700

Fax : +1 804 727 0845

E-mail : product-regulatory-services@evonik.com

**Emergency telephone number:**

24-Hour Health : +1 800 424 9300 (CHEMTREC - US & CANADA)

Emergency 800 681 9531 (CHEMTREC MEXICO)  
+1 703 527 3887 (CHEMTREC WORLD)

## 2. Hazard(s) identification

**Hazard Classification**

Not classified

**Environmental Hazards**

Chronic hazards to the aquatic environment Category 3

**Label Elements**

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** Not applicable

**Precautionary**

**Statements**

**Hazard(s) not otherwise classified (HNOC):** None.

**3. Composition/information on ingredients****Chemical name:**

Oxirane, methyl-, polymer with oxirane, iso-alkyl alcohol

**Substances**

Chemical Identity	CAS number	Content in percent (%) <sup>*</sup>
Oxirane, methyl-, polymer with oxirane, mono(3,5,5-trimethylhexyl) ether	204336-40-3	99.8%

<sup>\*</sup> All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**4. First-aid measures****Description of necessary first-aid measures**

<b>General information:</b>	Remove soiled or soaked clothing immediately
<b>Inhalation:</b>	Ensure supply of fresh air.
<b>Skin Contact:</b>	Immediately and thoroughly, wash off with soap and water.
<b>Eye contact:</b>	Flush eye immediately and thoroughly while protecting the unhurt eye. If symptoms persist, seek medical attention.
<b>Ingestion:</b>	If swallowed, seek medical attention and show MSDS.
<b>Personal Protection for First-aid Responders:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**Most important symptoms/effects, acute and delayed**

<b>Symptoms:</b>	No special hints.
<b>Hazards:</b>	No data available.

**Indication of immediate medical attention and special treatment needed**

<b>Treatment:</b>	Treat symptomatically.
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**5. Fire-fighting measures**

**General Fire Hazards:** Collect contaminated firefighting water separately, must not be discharged into the drains.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** foam, carbon dioxide, dry powder, water spray.

**Unsuitable extinguishing media:** Full water jet

**Specific hazards arising from the chemical:** In the event of fire the following can be released: - carbon dioxide, carbon monoxide Under certain conditions of combustion traces of other toxic substances cannot be excluded

#### **Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No specific precautions.

**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.

### **6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment.

**Methods and material for containment and cleaning up:** Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.

**Environmental Precautions:** Do not allow to enter drains or waterways Do not discharge into the subsoil/soil.

### **7. Handling and storage**

#### **Handling**

**Technical measures (e.g. Local and general ventilation):** Good general (mechanical) ventilation should be sufficient to control airborne levels.

**Safe handling advice:** Avoid contact with skin and eyes. Do not inhale gases/vapours/aerosols.No special measures necessary if stored and handled as prescribed.

**Contact avoidance measures:** No data available.

**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 skin and eyes.

#### **Storage**

**Safe storage conditions:** Keep container closed.

**Safe packaging materials:** No data available.

### **8. Exposure controls/personal protection**

#### **Control Parameters**

##### **Occupational Exposure Limits**

Hazardous components without workplace control parameters

##### **Appropriate Engineering Controls**

Good general (mechanical) ventilation should be sufficient to control airborne levels.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Use chemical resistant goggles or safety glasses with side shields.

**Skin Protection**

**Hand Protection:** Material: gloves made of nitril (NBR)  
 Break-through time: 480 min  
 Material: gloves made of natural latex  
 Break-through time: 480 min  
 Material: gloves made of chloroprene (CR, e.g. Neoprene)  
 Break-through time: 480 min  
 Material: gloves made of butyl (IIR)  
 Break-through time: 480 min

**Skin and Body Protection:** Light protective clothing is required.

**Respiratory Protection:** Respiratory protection not required.

**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 skin and eyes.

**9. Physical and chemical properties**

**Appearance**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	colourless, clear
<b>Odor:</b>	Mild
<b>Odor Threshold:</b>	not measured
<b>pH:</b>	not determined
<b>Freezing point:</b>	-43 °C (DSC)
<b>Boiling Point:</b>	339 °C
<b>Flash Point:</b>	> 430 °F (Penskey-Marten CC)
<b>Evaporation Rate:</b>	not measured
<b>Flammability (solid, gas):</b>	no data available
<b>Explosive limit - upper (%):</b>	not measured
<b>Explosive limit - lower (%):</b>	not measured
<b>Vapor pressure:</b>	1.4 hPa (20 °C) (OECD 104)
<b>Vapor density (air=1):</b>	not measured
<b>Density:</b>	0.94 - 0.98 g/cm <sup>3</sup> (25 °C) (DIN 51757)
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	1 - 10 g/l (25.00 °C)
<b>Solubility (other):</b>	not measured
<b>Partition coefficient (n-octanol/water):</b>	not measured
<b>Self Ignition Temperature:</b>	not measured
<b>Decomposition Temperature:</b>	not measured
<b>Kinematic viscosity:</b>	No data available.
<b>Dynamic viscosity:</b>	20 - 32 mPa.s (25 °C, DIN 53019)

**Other information**

<b>Explosive properties:</b>	not measured
<b>Oxidizing properties:</b>	not measured
<b>Minimum ignition temperature:</b>	not measured
<b>Metal Corrosion:</b>	not measured

## 10. Stability and reactivity

<b>Reactivity:</b>	see section "Possibility of hazardous reactions"
<b>Chemical Stability:</b>	The product is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No No hazardous reactions with proper storage and handling.
<b>Conditions to avoid:</b>	Unknown
<b>Incompatible Materials:</b>	Unknown
<b>Hazardous Decomposition Products:</b>	None with proper storage and handling.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation:</b>	If handled correctly, not a relevant route of exposure. Information on effects are given below.
<b>Skin Contact:</b>	Relevant route of exposure. Information on effects are given below.
<b>Eye contact:</b>	Relevant route of exposure. Information on effects are given below.
<b>Ingestion:</b>	If handled correctly, not a relevant route of exposure. Information on effects are given below.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Ingestion:</b>	No data available.

### Information on toxicological effects

#### Acute toxicity (list all possible routes of exposure)

<b>Oral Product:</b>	LD 50 (Rat): > 2,000 mg/kg
<b>Dermal Product:</b>	no data available
<b>Inhalation Product:</b>	no data available

<b>Repeated dose toxicity Product:</b>	no data available
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**Skin Corrosion/Irritation**

**Product:** non-irritant  
OECD 404 (Rabbit): non-irritant

**Serious Eye Damage/Eye Irritation**

**Product:** slight irritant effect - does not require labelling  
Rabbit: slight irritant effect - does not require labelling

**Respiratory or Skin Sensitization**

**Product:** no data available

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogens present or none present in regulated quantities

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogens present or none present in regulated quantities

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity****In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** no data available

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** no data available

**Aspiration Hazard**

**Product:** Not classified

**Other effects:**

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

**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:**

**Fish**
**Product:** LC 50 (Brachydanio rerio, 96 h): 26.8 mg/l

**Aquatic Invertebrates**
**Product:** No data available.

**Chronic hazards to the aquatic environment:**
**Fish**
**Product:** No data available.

**Aquatic Invertebrates**
**Product:** No data available.

**Toxicity to Aquatic Plants**
**Product:** No data available.

**Persistence and Degradability**
**Biodegradation**
**Product:** No data available.

**BOD/COD Ratio**
**Product:** No data available.

**Bioaccumulative potential**
**Bioconcentration Factor (BCF)**
**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**
**Product:** Log Kow: not measured

**Mobility in soil:**

No data available.

**Components:**

Oxirane, methyl-, polymer with oxirane, mono(3,5,5-trimethylhexyl) ether

No data available.

**Other adverse effects:**

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

**13. Disposal considerations**
**Disposal methods:**

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**
**Domestic regulation**
**49 CFR**

Not regulated as a dangerous good

**International Regulations****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**15. Regulatory information****US Federal Regulations****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)****Chemical Identity**

Oxirane, methyl-, polymer  
with oxirane, mono(3,5,5-  
trimethylhexyl) ether

**Reportable quantity**

De minimis concentration: 1.0% One-Time Export Notification only.

**US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs)  
(40 CFR 721, Subpt E)****Chemical Identity**

Oxirane, methyl-, polymer  
with oxirane, mono(3,5,5-  
trimethylhexyl) ether

Listed.Listed.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Hazard categories**

Not classified

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and  
the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)  
Hazardous Substances****SARA 311/312 Hazardous Chemical****Chemical Identity****Threshold Planning Quantity****SARA 313 (TRI Reporting)**

None present or none present in regulated quantities.



**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**US State Regulations****US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

**US. New Jersey Worker and Community Right-to-Know Act**

No ingredient regulated by NJ Right-to-Know Law present.

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**

No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

**Inventory Status:**

US TSCA Inventory: Included on Inventory.

This product is composed of an alkoxyated 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"--"a wetting agent in liquid admixtures for concrete"--"substrate wetting and anti-cratering additive for UV curable inkjet ink." As this product is composed of an alkoxyated 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)

All intentional ingredients are listed on the DSL (Domestic Substance List) or have been notified pursuant to the NSN regulations.

Canada DSL Inventory List: Not in compliance with the inventory.

Canada NDSL Inventory: Included on Inventory.

**16. Other information, including date of preparation or last revision**
**HMIS Hazard ID**

<b>Health</b>	<input type="text" value="1"/>
<b>Flammability</b>	<input type="text" value="1"/>
<b>Physical Hazards</b>	<input type="text" value="0"/>
<b>PERSONAL PROTECTION</b>	<input checked="" type="checkbox"/>

Consult supervisor for special handling instructions for these substances.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

Issue Date: 04/02/2019

<b>Version #:</b>	1.2
<b>Further Information:</b>	No data available.
<b>Revision Information:</b>	Changes since the last version are highlighted in the margin. This version replaces all previous versions.
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