

# SAFETY DATA SHEET

Classified in accordance with 29 CFR 1910.1200

## 1. Identification

**Product identifier:** TEGO® Wet 505

**Chemical name:**

Non-ionic surfactant

### Other means of identification

**CAS Number:** 303152-49-0

### Recommended restrictions

**Recommended use:** Industrial use

**Restrictions on use:** None known.

### Manufacturer/Importer/Distributor Information

Company Name : Evonik Corporation  
2 Turner Place  
Piscataway, NJ 08854  
USA

Telephone : +1 732 981 5000

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

#### Environmental Hazards

Acute hazards to the aquatic environment Category 3

Chronic hazards to the aquatic environment Category 3

#### Label Elements

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** Harmful to aquatic life with long lasting effects.

#### Precautionary Statements

**Prevention:** Avoid release to the environment.

**Disposal:** Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

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

### 3. Composition/information on ingredients

**Chemical name:**  
Non-ionic surfactant  
**Substances**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) <sup>*</sup>
Oxirane, 2-ethyl-, polymer with oxirane, mono(3,5,5-trimethylhexyl) ether		303152-49-0	>=90 - <=100%

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

The exact concentration has been withheld as a trade secret.

### 4. First-aid measures

#### Description of necessary first-aid measures

**General information:** Remove soiled or soaked clothing immediately

**Inhalation:** fresh air supply, consult a doctor if feeling unwell.

**Skin Contact:** In case of contact with skin wash off immediately with soap and water In case of discomfort: Supply with medical care.

**Eye contact:** In case of contact with eyes rinse thoroughly with water. In case of discomfort: Supply with medical care.

**Ingestion:** Thoroughly clean the mouth with water In case of discomfort: Supply with medical care.

**Personal Protection for First-aid Responders:** No data available.

#### Most important symptoms and effects, both acute and delayed

**Symptoms:** Up to now no symptoms are known.

**Hazards:** No data available.

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

**Treatment:** Treat symptomatically.

### 5. Fire-fighting measures

**Suitable (and unsuitable) extinguishing media**

<b>Suitable extinguishing media:</b>	foam, carbon dioxide, dry powder, water spray.
<b>Unsuitable extinguishing media:</b>	High volume water jet.
<b>Special hazards arising from the substance or mixture:</b>	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
<b>Special protective equipment and precautions for firefighters</b>	
<b>Special fire fighting procedures:</b>	No specific precautions.
<b>Special protective equipment for fire-fighters:</b>	Do not inhale explosion and/or combustion gases. Self-contained breathing apparatus.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	Use personal protective equipment.
<b>Accidental release measures:</b>	No data available.
<b>Methods and material for containment and cleaning up:</b>	Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.
<b>Environmental Precautions:</b>	Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.

## 7. Handling and storage

### Handling

<b>Technical measures (e.g. Local and general ventilation):</b>	Good general (mechanical) ventilation should be sufficient to control airborne levels.
<b>Safe handling advice:</b>	Provide good ventilation of working area (local exhaust ventilation if necessary). Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.
<b>Contact avoidance measures:</b>	No data available.

### Storage

<b>Safe storage conditions:</b>	Keep container tightly closed in a cool, well-ventilated place.
<b>Safe packaging materials:</b>	No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

**Biological Limit Values**

No biological exposure limits noted for the ingredient(s).

**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:**

Safety goggles

**Skin Protection**

**Hand Protection:**

Material: Natural rubber.  
 Break-through time: 480 min  
 Material: Chloroprene  
 Break-through time: 480 min  
 Material: Nitrile rubber.  
 Break-through time: 480 min  
 Material: Fluorinated rubber  
 Break-through time: 480 min  
 Material: Butyl rubber.  
 Break-through time: 480 min

**Skin and Body Protection:**

protective clothing

**Respiratory Protection:**

in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

**Hygiene measures:**

When using do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately.

**9. Physical and chemical properties**

**Information on basic physical and chemical properties**

**Appearance**

**Physical state:** liquid  
**Form:** liquid  
**Color:** yellowish  
**Odor:** Characteristic  
**Odor Threshold:** not measured  
**Freezing point:** not measured  
**Boiling Point:** not measured  
**Flammability:** not measured

**Upper/lower limit on flammability or explosive limits**

**Explosive limit - upper:** not measured  
**Explosive limit - lower:** not measured

**Flash Point:** > 392 °F/> 200 °C (DIN EN 22719)

**Auto-ignition temperature:** not measured

**Decomposition Temperature:** not measured

**pH:** Not applicable

**Viscosity**

<b>Dynamic viscosity:</b>	25 - 40 mPa.s (77 °F/25 °C, DIN 53015)
<b>Kinematic viscosity:</b>	25 - 40 mm <sup>2</sup> /s (77 °F/25 °C, calculated)
<b>Flow Time:</b>	No data available.

**Solubility(ies)**

<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	not measured
<b>Partition coefficient (n-octanol/water):</b>	not measured
<b>Vapor pressure:</b>	not measured
<b>Relative density:</b>	not measured
<b>Density:</b>	0.940 - 0.990 g/cm <sup>3</sup> (77 °F/25 °C) (DIN 51757)
<b>Bulk density:</b>	No data available.
<b>Relative vapor density:</b>	not measured

**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
<b>Evaporation Rate:</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 hazardous reactions with proper storage and handling
<b>Conditions to avoid:</b>	None with proper storage and handling.
<b>Incompatible Materials:</b>	Not known.
<b>Hazardous Decomposition Products:</b>	None with proper storage and handling.

**11. Toxicological information****Information on toxicological effects****Information on likely routes of exposure**

<b>Inhalation:</b>	Information on effects are given below.
<b>Skin Contact:</b>	Information on effects are given below.
<b>Eye contact:</b>	Information on effects are given below.
<b>Ingestion:</b>	Information on effects are given below.

**Acute toxicity (list all possible routes of exposure)****Oral**

<b>Product:</b>	LD 50 (Rat): > 2,000 mg/kg (OECD 423)
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**Dermal**

**Product:** Not classified for acute toxicity based on available data.

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** Not irritating OECD 404 (Rabbit): Not irritating;

**Serious Eye Damage/Eye Irritation**

**Product:** Not irritating Rabbit: Not irritating

**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

**ACGIH: US.ACGIH Threshold Limit Values:**

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), as amended:**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity**

No data available.

**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

**Information on health hazards**

**Other hazards**

**Product:** No data available.

## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

##### Fish

Product: LC 50 (Fish, 96 h): 17.7 mg/l

##### Aquatic Invertebrates

Product: EC 50 (Daphnia magna, 48 h): 24.9 mg/l

##### Toxicity to Aquatic Plants

Product: No data available.

##### Toxicity to microorganisms

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.

##### Toxicity to microorganisms

Product: No data available.

### Persistence and Degradability

#### Biodegradation

Product: The product is not biodegradable.

#### 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:

Product: No data available.

### Results of PBT and vPvB assessment:

Product: No data available.

### Other adverse effects:

#### Other hazards

**Product:** Do not allow to enter soil, waterways or waste water canal.

### 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)

None present or none present in regulated quantities.

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

None present or none present in regulated quantities.

##### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

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

##### US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

None present or none present in regulated quantities.



**US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (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.

**Inventory Status:**

US TSCA Inventory:	Included on Inventory.	
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>	1
<b>Flammability</b>	1
<b>Physical Hazards</b>	0
<b>PERSONAL PROTECTION</b>	<b>X</b>

Ask supervisor or safety specialist for handling instructions

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

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**Version #:** 1.1

**Further Information:** noneCTFA: complies

**Revision Information**

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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