

SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product identifier: TEGO WET 510

Chemical name:
Alkoxylated 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
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Richmond, VA 23234
USA

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E-mail : us-productsafety-cs@evonik.com

Emergency telephone number:
24-Hour Health : +1 800 424 9300 (CHEMTREC - US & CANADA)
Emergency : +1 800 681 9531 (CHEMTREC MEXICO)
+1 703 527 3887 (CHEMTREC WORLD)

2. Hazard(s) identification

Hazard Classification

Environmental Hazards

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 in accordance with local regulation.

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

3. Composition/information on ingredients

Chemical name:
 Alkoxylated alcohol

Substances

Chemical Identity	CAS number	Content in percent (%) [*]
Oxirane, methyl-, polymer with oxirane, mono(3,5,5-trimethylhexyl) ether	204336-40-3	>95%

^{*} 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

General information: Remove soiled or soaked clothing immediately

Inhalation: Ensure supply of fresh air.

Skin Contact: Immediately and thoroughly, wash off with soap and water.

Eye contact: Flush eye immediately and thoroughly while protecting the unhurt eye. If symptoms persist, seek medical attention.

Ingestion: If swallowed, seek medical attention and show MSDS.

Personal Protection for First-aid Responders: 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

Symptoms: No special hints.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

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

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: Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.No special measures necessary if stored and handled as prescribed. Wear respiratory protection when spraying.

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 tightly closed.

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters
Occupational Exposure Limits

No data available.
 None of the components have assigned 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: Additional Information: PVC gloves, The protective gloves to be worn must satisfy the specifications of EC Guideline 89/686/EEC and the resulting Standard EN374., Specific workplace situations must be considered separately.

Skin and Body Protection: Light protective clothing is required.

Respiratory Protection: In case of formation of vapors/aerosols: respiratory protective equipment, cartridge for organic gases and vapors.

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
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Appearance

Physical state:	liquid
Form:	liquid
Color:	slightly yellow
Odor:	specific to the product
Odor Threshold:	not measured
pH:	not determined
Freezing point:	not measured
Boiling Point:	not measured
Flash Point:	> 302 °C
Evaporation Rate:	not measured
Flammability (solid, gas):	no data available
Explosive limit - upper (%):	not measured
Explosive limit - lower (%):	not measured
Vapor pressure:	Not measured
Vapor density (air=1):	not measured
Density:	0.920 - 1.020 g/cm ³ (25 °C) (DIN 51757)
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	Dispersible
Solubility (other):	not measured
Partition coefficient (n-octanol/water):	not measured
Self Ignition Temperature:	not measured
Decomposition Temperature:	not measured
Kinematic viscosity:	No data available.
Dynamic viscosity:	approx. 35 mPa.s (25 °C, DIN 53015 (Höppler))

Other information

Explosive properties:	not measured
Oxidizing properties:	not measured
Minimum ignition temperature:	not measured
Metal Corrosion:	not measured

10. Stability and reactivity

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

11. Toxicological information

Information on likely routes of exposure

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

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.
Ingestion:	No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

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

Repeated dose toxicity Product:

no data available

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:

Proper use provided, no adverse health effects have been observed or have been come to our knowledge. Due to the composition of the product it cannot be excluded: Irritating to eyes. By analogy with a product of similar composition

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

Fish

Product: LC 50 (Zebra Fish, 96 h): 15.5 mg/l

Aquatic Invertebrates

Product: EC 50 (Daphnia magna, 48 h): 10 - 100 mg/l

Chronic hazards to the aquatic environment:
Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: EC 50 (Desmodesmus subspicatus, 72 h): 60.9 mg/l
 EC 50 (Desmodesmus subspicatus, 72 h): 113 mg/l

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 to enter soil, waterways or waste water canal. The product is classified as slightly hazardous to waters (according to the German Regulation on the Classification of Substances Hazardous to Waters (WwSV).

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 Listed.Listed.
with oxirane, mono(3,5,5-
trimethylhexyl) ether**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

Health	1
Flammability	1
Physical Hazards	0
PERSONAL PROTECTION	X

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

Issue Date: 04/02/2019

Version #:	1.1
Further Information:	No data available.
Revision Information:	Changes since the last version are highlighted in the margin. This version replaces all previous versions.
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