

Product name: REWODERM LI S 80 MB

# SAFETY DATA SHEET

Classified in accordance with 29 CFR 1910.1200

## 1. Identification

**Product identifier:** REWODERM LI S 80 MB

**Chemical name:**

Aqueous solution of a modified fatty acid glyceride polyethoxylate

**Other means of identification**

None.

**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 Emergency Telephone : +1 800 424 9300 (CHEMTREC - US & CANADA)  
800 681 9531 (CHEMTREC MEXICO)  
+1 703 527 3887 (CHEMTREC WORLD)

## 2. Hazard(s) identification

**Hazards for the product as supplied**

Not classified

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

**Label Elements**

**Hazard Symbol:** No symbol  
**Signal Word:** No signal word.  
**Hazard Statement:** Not applicable

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### 3. Composition/information on ingredients

**Chemical name:**

Aqueous solution of a modified fatty acid glyceride polyethoxylate

**Mixtures**

Chemical Identity	Common name and synonyms	CAS No./Unique ID	Content in percent (%) <sup>*</sup>	Trade Secret
Glycerides, Coco, Mono- & Di-Ethoxylated		68201-46-7 <sup>*</sup>	10 - <25%	TSC

<sup>\*</sup> Indicates that the identifier is a CAS No.

TSC- the actual concentration or concentration range is withheld as a trade secret

<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 first aid measures**

<b>General information:</b>	Remove contaminated clothing.
<b>Inhalation:</b>	Bring affected person outside and ensure that he/she is comfortable.
<b>Skin Contact:</b>	In case of contact with skin wash off immediately with plenty of water
<b>Eye contact:</b>	In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.
<b>Ingestion:</b>	Thoroughly clean the mouth with water In case of discomfort: Supply with medical care.
<b>Personal Protection for First-aid Responders:</b>	No data available.

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

<b>Symptoms:</b>	The following symptoms may occur: - gastrointestinal complaints
<b>Hazards:</b>	No data available.

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

<b>Treatment:</b>	If ingested, irrigate the stomach.
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### 5. Fire-fighting measures

<b>General Fire Hazards:</b>	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
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**Product name:** REWODERM LI S 80 MB**Suitable (and unsuitable) extinguishing media****Suitable extinguishing media:** foam, carbon dioxide, dry powder, water spray.**Unsuitable extinguishing media:** High volume water jet.**Special hazards arising from the substance or mixture:** 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 firefighters:** Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus and wear protective suit**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures:** High risk of slipping due to leakage/spillage of product Use personal protective equipment.**Accidental release measures:** No data available.**Methods and material for containment and cleaning up:** Take up with absorbent material (eg sand, diatomaceous earth, universal binder) Dispose of absorbed material in accordance with the regulations.**Environmental Precautions:** Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.**7. Handling and storage****Handling****Technical measures:** No data available.**Local/Total ventilation:** No data available.**Safe handling advice:** Avoid contact with eyes.No special measures necessary if stored and handled as prescribed.**Contact avoidance measures:** No data available.**Storage****Safe storage conditions:** Keep tightly sealed in original packing.Keep in closed or covered containers when not in use. Store in cool, dry place with adequate ventilation. Do not store near heat or open flame.**Safe packaging materials:** No data available.**8. Exposure controls/personal protection**

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**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**

Provide sufficient ventilation to maintain exposure below established exposure limits and to avoid effects of overexposure. This product may contain trace amounts of ethylene oxide and 1,4 Dioxane which could accumulate in the headspace of drums and bulk containers. If the product is handled as recommended in this MSDS, the trace amounts of ethylene oxide and 1,4 Dioxane are not expected to result in any acute or chronic hazards.

**Individual protection measures, such as personal protective equipment (PPE)****Eye/face protection:** goggles with side pieces**Skin Protection****Hand Protection:**  
Material: gloves made of chloroprene (CR, e.g. Neoprene)  
Break-through time: 480 min  
Material: gloves made of nitril (NBR)  
Break-through time: 480 min  
Material: gloves made of butyl (IIR)  
Break-through time: 480 min  
Material: gloves made of natural latex  
Break-through time: 480 min**Skin and Body Protection:** light protective clothing**Respiratory Protection:** If ventilation or extraction insufficient: Respiratory protection mask with combination filter A-P2**Hygiene measures:** Keep away from food and drink. Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke.**9. Physical and chemical properties****Information on basic physical and chemical properties****Appearance****Physical state:** liquid  
**Form:** Viscous Liquid  
**Color:** yellowish, turbid  
**Odor:** Characteristic  
**Odor Threshold:** not measured  
**Freezing point:** Approximate

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<b>Boiling Point:</b>	212 °F/ 100 °C
<b>Flammability:</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Explosive limit - upper:</b>	Not applicable
<b>Explosive limit - lower:</b>	Not applicable
<b>Flash Point:</b>	> 200 °F/93 °C Method: Pensky-Martens Closed Cup
<b>Auto-ignition temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	not measured
<b>pH:</b>	6.0 - 8.0 (68 °F/20 °C) Concentration: 50 g/l Concentration: 5 % Water.
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	3,000 - 6,000 mPa.s (68 °F/20 °C ) Method: Brookfield
<b>Kinematic viscosity:</b>	No data available.
<b>Flow Time:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	easily soluble
<b>Solubility (other):</b>	not measured
<b>Partition coefficient (n-octanol/water):</b>	not measured
<b>Vapor pressure:</b>	23.28 mbar (68 °F/20 °C)
<b>Relative density:</b>	No data available.
<b>Density:</b>	Approximate 1.09 g/cm <sup>3</sup> (68 °F/20 °C) Method: DGF-C-IV-2
<b>Bulk density:</b>	No data available.
<b>Relative vapor density:</b>	Lighter than air
<b>Particle characteristics:</b>	Not applicable.
<b>Other information</b>	
<b>Explosive properties:</b>	not measured
<b>Oxidizing properties:</b>	not measured
<b>Self-ignition:</b>	not measured
<b>Metal Corrosion:</b>	not measured
<b>Evaporation Rate:</b>	> 1 Ethyl Ether = 1

## 10. Stability and reactivity

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<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>	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.

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

#### Oral

<b>Product:</b>	LD 50, Rat, > 2,000 mg/kg, OECD 401
<b>Components:</b> Glycerides, Coco, Mono- & Di- Ethoxylated	Not toxic after single exposure, No data available.

#### Dermal

<b>Product:</b>	Not classified for acute toxicity based on available data. Not classified for acute toxicity based on available data.
<b>Components:</b> Glycerides, Coco, Mono- & Di- Ethoxylated	Not toxic after single exposure, No data available.

#### Inhalation

<b>Product:</b>	Not classified for acute toxicity based on available data. Not classified for acute toxicity based on available data.
<b>Components:</b> Glycerides, Coco, Mono- & Di- Ethoxylated	Vapour, Not toxic after single exposure, No data available. Dust and mist, Not toxic after single exposure, No data available.

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**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** Not irritant, OECD 404, (Rabbit), Non-Irritating, Undiluted product

**Components:**  
Glycerides, Coco, Mono- & Di- Ethoxylated Not irritating

**Serious Eye Damage/Eye Irritation**

**Product:** Not irritating, OECD 405, rabbit eye, Non-Irritating

**Components:**  
Glycerides, Coco, Mono- & Di- Ethoxylated Not irritating

**Respiratory or Skin Sensitization**

**Product:** OECD 406, Guinea Pig, Non sensitising

**Components:**  
Glycerides, Coco, Mono- & Di- Ethoxylated Not a skin sensitizer.  
Not a respiratory sensitizer

**Carcinogenicity**

**Product:** No data available.

**Components:**  
Glycerides, Coco, Mono- & Di- Ethoxylated Not classified

**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 1910.1001-1053), as amended:**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity**

No data available.

**In vitro**

Not classified based on available data.

**In vivo**

Not classified based on available data.

**Reproductive toxicity**

**Effects on fertility**

Not classified based on available data.

**Effects on fetal development**

Not classified based on available data.

**Reproductive toxicity - Assessment**

**Product:** Reproductive toxicity: No data available.  
Teratogenicity: No data available.

**Components:**

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Glycerides, Coco, Mono- &amp; Di- Ethoxylated      Reproductive toxicity: Not classified

**Specific Target Organ Toxicity - Single Exposure****Product:** No data available.**Components:**

Glycerides, Coco, Mono- &amp; Di- Ethoxylated      Not classified

**Specific Target Organ Toxicity - Repeated Exposure****Product:** No data available.**Components:**

Glycerides, Coco, Mono- &amp; Di- Ethoxylated      Not classified

**Aspiration Hazard****Product:** Not classified**Components:**

Glycerides, Coco, Mono- &amp; Di- Ethoxylated      Not classified

**Information on health hazards****Other hazards****Product:** Proper use provided, no adverse health effects have been observed or have been come to our knowledge.  
By analogy with a product of similar composition**12. Ecological information****Ecotoxicity:****Toxicity to Aquatic Plants****Product:** No data available.**Toxicity to microorganisms****Product:** No data available.**Toxicity to soil dwelling organisms****Product:** No data available.**Toxicity to terrestrial organisms****Product:** No data available.**Acute hazards to the aquatic environment:****Fish****Product:** No data available.**Aquatic Invertebrates****Product:** No data available.**Chronic hazards to the aquatic environment:****Fish****Product:** No data available.

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**Aquatic Invertebrates****Product:** No data available.**Persistence and Degradability****Biodegradation****Product:** 42 %, 28 d, OECD 301 E, The product is not readily biodegradable according to OECD criteria but is inherently 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:** not measured**Mobility in soil:****Product:** No data available.**Results of PBT and vPvB assessment:**

No data available.

**Other adverse effects:****Additional ecological information****Product:** Do not allow to enter soil, waterways or waste water canal.**Ozone-Depletion Potential****Product:** Regulation: No**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**

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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 (on the basis of current knowledge of the product composition).

#### **US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721 and 725, Subpt E)**

None present or none present in regulated quantities (on the basis of current knowledge of the product composition).

#### **US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended**

None present or none present in regulated quantities (on the basis of current knowledge of the product composition).

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

None present or none present in regulated quantities (on the basis of current knowledge of the product composition).

#### **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 (on the basis of current knowledge of the product composition).

#### **US. EPCRA (SARA Title III) Section 313 Toxic Chemical Release Inventory (TRI) Reporting**

None present or none present in regulated quantities (on the basis of current knowledge of the product composition).

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

None present or none present in regulated quantities (on the basis of current knowledge of the product composition).

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

None present or none present in regulated quantities (on the basis of current knowledge of the product composition).

### US State Regulations

#### **US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

#### **Inventory Status:**

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This product contains one or more components that are listed on the Canadian Revised In-Commerce List for cosmetic products.  
 Included on Inventory.

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

Health	1
Flammability	1
Physical Hazards	0
PERSONAL PROTECTION	X

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

**Version #:** 2.0  
**Revision Date:** 11/07/2025  
**Date of first report version:** 03/13/2019

**Abbreviations and acronyms:**

AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); EC<sub>x</sub> - Concentration associated with x% response; EHS - Extremely Hazardous Substance; EL<sub>x</sub> - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErC<sub>x</sub> - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic

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Bioaccumulative

**Further Information:** CTFA: complies

**Revision Information** Significant changes since the last version are highlighted in the margin. This version replaces all previous versions.

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