

SAFETY DATA SHEET (SDS-US)

REWOSOFT TE 19

VA-No.

Version

1.0 / US

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01/04/2016

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1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : REWOSOFT TE 19

Chemical Name : Blend based on di-(hydr. tallow fatty acid amidoethyl) amino polyethoxilate

1.2. Recommended use of the chemical and restrictions on use

Recommended use : Industrial Use

Non-recommended use(s) : None known.

1.3. Details of the supplier of the safety data sheet

Company : Evonik Corporation
Nutrition & Care
PO Box 34628
Richmond VA 23234
USA

Telephone : +1 (0)804-727-0700

Telefax : +1 (0)804-727-0845

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

Contact Canada

Company : Evonik Canada Inc.
3380 South Service
Burlington ON L7N 3J5
Canada

Telephone : +1 (0)905-336-3423-

Telefax : +1 (0)905-332-5632

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

1.4. Emergency telephone number

Emergency information : Non-Emergency Phone Number : (800) 732-5616
In case of emergency call CHEMTREC US: 1-800-424-9300, CHEMTREC WORLD: 1-703-527-3887.

24 HOUR EMERGENCY TELEPHONE NUMBERS:

CHEMTREC - US & CANADA toll free: +1-800-424-9300

CHEMTREC - MEXICO toll free: 01-800-681-9531

CHEMTREC GLOBAL - Collect calls accepted: +1-703-527-3887

2. Hazards identification

2.1. Classification of the substance or mixture

Not a hazardous substance or mixture according to 29 CFR 1910.1200.

2.2. Label elements

Not a hazardous substance or mixture according to 29 CFR 1910.1200.

2.3. Other hazards

None known

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3. Composition/information on ingredients

3.1. Substances

-

3.2. Mixtures

No hazardous ingredients

4. First aid measures

4.1. Description of first aid measures

General advice : Remove contaminated clothing.

Inhalation : No special measures required.

Skin contact : In case of contact with skin wash off immediately with plenty of water
Consult a doctor if skin irritation persists.

Eye contact : In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist,
seek medical advice.

Ingestion : Thoroughly clean the mouth with water
Take medical treatment.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms : The following symptoms may occur:
- gastrointestinal complaints

4.3. Indication of any immediate medical attention and special treatment needed

If swallowed, flush stomach.

5. Fire-fighting measures

5.1. Extinguishing media

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

Unsuitable extinguishing media : Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released:

- carbon dioxide, carbon monoxide

- Nitrogen oxides (NOx)

5.3. Advice for firefighters

Do not inhale explosion and/or combustion gases

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Forms slippery/greasy layers with water

Use personal protective equipment.

6.2. Environmental precautions

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Do not discharge into the subsoil/soil.
Do not allow to enter drains or waterways

6.3. Methods and material for containment and cleaning up

Take up mechanically. Dilute residue with water and take up with absorbent material (eg sawdust, sand, universal binder)
Dispose of absorbed material in accordance with the regulations.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : No special measures necessary if stored and handled as prescribed.

Handling : no data available

Hygiene measures : Do not eat, drink or smoke when working.

General protective measures : Avoid contact with eyes and skin

7.2. Conditions for safe storage, including any incompatibilities

Prevention of fire and explosion

Information : No special measures required.

Storage

Information : none

8. Exposure controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Engineering controls

Personal protective equipment

Eye protection : safety glasses

Hand protection : PVC gloves

Body Protection : light protective clothing
a protective ointment is recommended.

Respiratory protection : Protective mask

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : solid

Form : Solidified mass

Colour : yellow

Odour : characteristic

Odour Threshold : not measured

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pH : ca. 9 (20 °C)
10 g/l

Melting point : Melting temperature
50 - 70 °C

Boiling point : Boiling point/range
Remarks: not measured

Flash point : > 100 °C
Remarks: Solvent

Evaporation rate : not measured

Flammability : no data available

Upper
Explosion/Ignition
Limit : 12.6 %(V)
Remarks: Solvent

Lower explosion limit : 2.6 %(V)
Remarks: Solvent

Vapour pressure : not measured

Relative vapour
density : not measured

Relative density : no data available

Solubility(ies) : not measured

Water solubility : (65 °C)
Remarks: dispersible

Partition coefficient:
n-octanol/water : not measured

Autoignition
temperature : not measured

Thermal
decomposition : not measured

Viscosity, kinematic : no data available

Viscosity, dynamic : ca. 150 mPa·s
(60 °C)
Method: Brookfield

Explosive properties : not measured

Oxidising properties : not measured

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9.2. Other information

Density : ca. 0.94 g/cm³
(60 °C)
Method: DGF-C-IV-2

Metal corrosion : not measured

Ignition temperature : 420 °C

10. Stability and reactivity

10.1. Reactivity

see section "Possibility of hazardous reactions"

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

10.4. Conditions to avoid

Unknown

10.5. Incompatible materials

Unknown

10.6. Hazardous decomposition products

None with proper storage and handling.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : LD50
Species: Rat
Dose: > 2,000 mg/kg
Method: OECD Test Guideline 401

Acute toxicity
(inhalation) : no data available

Acute toxicity
(dermal) : no data available

Acute toxicity estimate
Dose: > 5,000 mg/kg
Method: Calculation method

Irritation/corrosion of
the skin : Species: rabbit
Result: non-irritant
Method: OECD 404
Remarks: Undiluted product

Serious eye damage/
eye irritation : Species: rabbit
Result: non-irritant
Method: OECD 405
Remarks: Undiluted product

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Respiratory/skin sensitization : Species: Guinea pig
Result: non-sensitizing
Classification: Did not cause sensitisation on laboratory animals.
Method: OECD 406 (according to Bühler)
Remarks: Tested as 20 % solution.

Repeated dose toxicity : no data available

CMR assessment

Carcinogenicity : no data available

Mutagenicity : no data available

Teratogenicity : no data available

Toxicity to reproduction : no data available

US. National Toxicology Program (NTP) Report on Carcinogens

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

US. IARC Monographs on Occupational Exposures to Chemical Agents

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Specific Target Organ Toxicity - Single exposure : no data available

Specific Target Organ Toxicity - Repeated exposure : no data available

Aspiration hazard : No aspiration toxicity classification

Other information : Proper use provided, no adverse health effects have been observed or have been come to our knowledge.

12. Ecological information

Ecotoxicology Assessment

Acute aquatic toxicity : no data available

Chronic aquatic toxicity : no data available

12.1. Toxicity

Aquatic toxicity, fish : Species: Brachydanio rerio
Exposure duration: 96 h
LC50: 33 mg/l
Method: OECD 204

Aquatic toxicity, invertebrates : Species: Daphnia magna
Exposure duration: 72 h
EC50: 10 - 32 mg/l

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Aquatic toxicity, algae / aquatic plants : Species: Scenedesmus subspicatus
Exposure duration: 72 h
EC50: > 2,000 mg/l
Method: ISO 8692

Toxicity in microorganisms : no data available

chronic toxicity in fish : no data available

Chronic toxicity in aquatic Invertebrates : no data available

Toxicity in organisms which live in the soil : no data available

Toxicity in terrestrial plants : no data available

Toxicity to Above-Ground Organisms : no data available

12.2. Persistence and degradability

Photodegradation : no data available

Biological degradability : no data available

Physico-chemical removability : no data available

Biochemical Oxygen Demand (BOD) : no data available

Chemical Oxygen Demand (COD) : 2,770,000 mg/l

relation of BOD/COD : no data available

Dissolved organic carbon (DOC) : no data available

Adsorbed organic bound halogens (AOX) : no data available

Distribution among environmental compartments : no data available

12.3. Bioaccumulative potential

Bioaccumulation : no data available

12.4. Mobility in soil

Environmental : no data available

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distribution

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment : no data available

12.6. Other adverse effects

General Information : Do not allow the product to enter soil or water ways.
The product is considered to be a water pollutant (German law).

13. Disposal considerations

13.1. Waste treatment methods

Product : 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

Not dangerous according to transport regulations.

14.1 UN number: --

14.2 UN proper shipping name: --

14.3 Transport hazard class(es): --

14.4 Packing group: --

14.5 Environmental hazards: --

14.6 Special precautions for user: No

15. Regulatory information

Canada:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the (M)SDS contains all information required by the Controlled Products Regulation

Canada : WHMIS CLASSIFICATION
Not Rated
This product does not contain component(s) on the WHMIS Ingredient Disclosure List.

US regulations:

SARA Title III Section 311/312 Hazard Categories : No SARA Hazards

Other regulations : none

State Right to Know : ZUSPA_RTK: 1,2-Propanediol (CAS-No.: 57-55-6)

ZUSMA_RTK: No components are subject to the Massachusetts Right to Know Act.

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ZUSNJ_RTK: 1,2-Propanediol (CAS-No.: 57-55-6)

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

HMIS Ratings	Health:	1
	Flammability:	1
	Personal Protection:	X

Notification status

USA (TSCA)	: listed/registered or exempted
Canada (DSL)	: not listed/registered

16. Other information

List of references

Other information	: Comply with national laws regulating employee instruction.
Revision date	: 01/04/2016

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Legend

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADNR	European agreement concerning the international carriage of dangerous goods by inland waterways (ADN)
ASTM	American Society for Testing and Materials
ATP	Adaptation to Technical Progress
BCF	Bioconcentration factor
BetrSichV	German Ordinance on Industrial Safety and Health
c.c.	closed cup
CAS	Chemical Abstract Services
CESIO	European Committee of Organic Surfactants and their Intermediates
Chem G	German Chemicals Act
CMR	carcinogenic-mutagenic-toxic for reproduction
DIN	German Institute for Standardization
DMEL	Derived minimum effect level
DNEL	Derived no effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
EC50	half maximal effective concentration
GefStoffV	German Ordinance on Hazardous Substances
GGVSEB	German ordinance for road, rail and inland waterway transportation of dangerous goods
GGVSee	German ordinance for sea transportation of dangerous goods
GLP	Good Laboratory Practice
GMO	Genetic Modified Organism
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ISO	International Organization For Standardization
LOAEL	Lowest observed adverse effect level
LOEL	Lowest observed effect level
NOAEL	No observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
o. c.	open cup
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative, toxic
PEC	Predicted effect concentration
PNEC	Predicted no effect concentration
REACH	REACH registration
RID	Convention concerning International Carriage by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substances of Very High Concern
TA	Technical Instructions
TPR	Third Party Representative (Art. 4)
TRGS	Technical Rules for Hazardous Substances
VCI	German chemical industry association
vPvB	very persistent, very bioaccumulative
VOC	volatile organic compounds
VwVwS	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
WGK	Water Hazard Class
WHO	World Health Organization