

SAFETY DATA SHEET

In accordance with Regulation (EC) No 1907/2006
Date of issue 15/09/2018
Version 3

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY/UNDERTAKING

1.1 Product Information

Trade Name : **ZEO SILK TOUCH**

1.2 Relevant identified uses of the product

Determined uses: softener for clothes

1.3 Details of the supplier of the safety data sheet

ZEO TEC HELLAS GROUP IKE
SPARTIA AREA,SESKLO VOLOS
Tel : 2421095212
FAX: 2421095212
POSTCODE: 38500
E-mail :zthellasgroup@gmail.com

1.4 Emergency telephone number

Poison Center Telephone: 210 -7793777

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Non-hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 LABEL INFORMATION

Labelling according to Regulation (EC) No 1272/2008 [CLP ;

Pictogramm No symbol

Signal word none

Statement of risk(medical) None

Precautionary statement(s) none

Additional Hazard Statement(s) None

Safety data sheet available on request.

2.3 OTHER STATEMENTS

None

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Ingredient(s)	CAS-No. /EC	Reach Number	Classification according to 1272/2008/EC	Percentage by weight
Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate- quaternized.	931-216-1	01-2119463889-16 01 - 2119457558-25	Flam. Liq. 3 - H226 Liquid and gas flammable. Skin Irrit. 2 - H315 causes skin irritation. Eye Irrit. 2 - H319 causes serious eye irritation	5 % - 15%

4. FIRST AID MEASURES

4.1 Description of first aid measures.

4.2 General instructions

Consult a doctor. Show the treating doctor this newsletter.

In the event of inspiration

There is no specific risk.

In case of contact with the skin

Wash with soap and water.

In case of contact with eyes

Rinse with large amounts of water for at least 15 minutes and consult a doctor.

If swallowed

Do not induce vomiting. Never withhold something to an unconscious person from mouth. Clean mouth with water. Consult a doctor.

Major symptoms and effects, acute or subsequent

The chemical, physical and toxicological properties of this product has not been investigated in detail.

4.2 Indication of any immediate medical attention and special treatment needed

There is no data

5. FIREFIGHTING MEASURES

5.1 Fire fighting equipment

Appropriate fire fighting equipment

Use water spray, dry extinguishing agent or carbon dioxide.

5.2 Specific hazards arising from the substance or mixture

In the event of overheat or fire toxic gases may develop. In a fire may be released:

Sulfur dioxide (SO₂)

Nitrogen oxides (NO_x)

Carbon oxide (CO)

5.3 Recommendations for firefighters

When extinguishing a fire wear self-contained breathing apparatus, when it is necessary.

5.4 Further information

For the cooling of closed containers use water spray.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use protective equipment. Move the unprotected people. Avoid contact with skin and eyes. Risk of slipping due to leakage of product.

6.2 Environmental precautions

Prevent the further leakage and dissipation, if this is possible without risk. It is forbidden to flush into sanitary sewer system.

Methods and materials for restriction and cleaning.

Assemble the disposed material. The residue is washed with water.

Delivered to disposal in suitable, closed containers.

6.3 Reference to other parts

Information for disposal, see section 13

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Smoking is forbidden. Take measures against electrostatic charging.

7.2 Conditions for safe storage, including any incompatibilities

Stored at cool places. The container is stored in hermetically sealed in a dry place with good ventilation.

7.3 Specific end use or uses

Liquid fabric softener

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Components with controlled parameters in the workplace

Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized.

DNEL WORKERS

Long term exposure - systemic effects, Dermal : DNEL = 312,5 mg/kg/day

Long term exposure - systemic effects, Inhalation : DNEL = 44 mg/m³/8h

DNEL GENERAL POPULATION

Long term exposure - systemic effects, Oral: DNEL = 7.5 mg/kg/day

Long term exposure - systemic effects, Inhalation: DNEL = 13 mg/m³

Long term exposure - systemic effects, Dermal: DNEL = 187,5 mg/kg/day

PNEC WATER

PNEC (freshwater): 0,00191 mg/L

PNEC (marine water): 0,000191 mg/L

PNEC (intermittent releases): 0,0191 mg/L

PNEC SEDIMENT

PNEC (freshwater) : 0,58 mg/Kg

PNEC SOIL

PNEC (soil) : 0.115 mg/Kg

PNEC SEWAGE TREATMENT PLANT

PNEC (STP): 2.96 mg/L

8.2 Exposure controls.

Suitable mechanical controls

The recommended security measures when using chemical compounds must be taken into account. Wash hands before breaks and at the end of work.

Respiratory protection:

It is not required.

Hand protection:

It is not required.

Eye protection:

Wear protective goggles.

Skin Protection :

It is not required.

9. Physical and chemical properties

9.1 Information on the basic physical and chemical properties

A) Appearance	Form: liquid
B) Odour	No data
C) Odour Threshold	No data
D) PH	3.5 ±0.5
E) Melting/freezing point	No data
F) Initial boiling point and boiling range	-
G) Flash point	Does not ignite
H) Evaporation Rate	No data
(I) Flammability (solid, gas)	No data
J) Lower/upper explosion limits	-
K) Steam pressure	No data
L) Steam Density	No data
M) Relative density	-
N) Solubility in water	Soluble
O) The Partition coefficient: n -octanol/water partition coefficient	-
P) Flammability Temperature	-
Q) Decomposition Temperature	No data
R) Viscosity	No data
S) Explosion properties	No data
T) Oxidation properties	No data

9.2 Other safety information

There is no data

10. STABILITY AND REACTIVITY

10.1 Reactivity

None if used in accordance with the proper use.

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

There is no evidence

10.4 Conditions to avoid

Heat, flames.

10.5 Incompatible materials

Not applicable

10.6 Hazardous decomposition products

There is no decomposition during the prescribed use.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

Important ranking value- LD / LC 50

DL50: > 2000 mg/kg (rats)

DL50: > 2000 mg/kg (rats) (Read across with a similar specific)

12 ECOLOGICAL INFORMATION

12.1. Toxicity

Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

Aquatic toxicity :

Fish, CL50 : 1.91 mg/l (OECD 203 (96h) read-across)

Daphnia, CE50 : 2,23 mg/l (EU Method C.2 (48h)read-across)

Alga, CI50 : 2,14 mg/l (OECD 201 (72h) read-across)

Alga, NOEC: 1.48 mg/l (OECD 201)

12.2. Bioaccumulative potential

It is not bioaccumulative.

12.3. Mobility in soil

There is no data.

12.4. Results of PBT and vPvB assessment

This mixture does not contain substances that are classified as pbts and Vpvbs

12.5. Other negative effects

We do not know other adverse effects on the environment , of this product .

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Deposition according to the local and national rules

Unclean packagings:

Only the empty containers should be deposited as recyclable materials

14. TRANSPORT INFORMATION

14.1 UN Number	
ADR , ADN , IMDG Code , IATA	-
14.2 Proper shipping name UN	
ADR , ADN , IMDG Code , IATA	-
14.3 Transport hazard classes	
ADR, ADN, IMDG, IATA	-
14.4 Packing Group	
ADR , IMDG Code , IATA	-
14.5 Environmental risks:	-
14.6 Special precautions for user	is not used

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

This Safety Data Sheet meets the requirements of Regulation (EC) 1907/2006 and CLP Regulation (EC) 1272/2008

According to the EC Detergent Regulation 648/2004: at least 5% but less than 15% nonionic surfactants and less than 5% anionic surfactants

Observe employment restrictions in accordance with the Workers Protection Act (94/33 / EC).



There is no data

16. OTHER INFORMATION

Full text of H- and EUH-phrases mentioned in section 3.

H225 Liquid and steam highly flammable.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

Footnotes and Acronyms:

DNEL – Derived no effect level

EUH - CLP SPECIFIC HAZARD STATEMENT

ABT - persistent, bioaccumulative and toxic

PNEC – Predicted no effect concentration

REACH Number - registration reach number

Vpvb - very persistent and highly Bioaccumulative

Further information

The above information are claimed to be correct but they don't include all the elements and should be used only as a guide. The information of this document are based on the current level of knowledge and are valid for the product only if the precautions are followed and it cannot be considered as a guarantee for quality specification of the product