

## MATERIAL SAFETY DATA SHEET

### SOFF3 SOFTENER GREEN

The MSDS has been prepared according to EU REGULATION (EU) 2015/830 dated 29.05.2015

Document Preparation Date: 26.11.2019

#### 1-) PRODUCT AND PRODUCER IDENTIFICATION

##### 1.1 PRODUCT IDENTIFICATION

Product Name: SOFF3 SOFTENER GREEN

##### 1.2 PRODUCT AREAS OF USAGE AND INADVISABLE USAGE AREAS

The product is suitable for laundry softening. Avoid from direct contact with eyes and mouth.

##### 1.3 PRODUCER INFORMATIONS

Producer: DAGLI TRADING LTD

Prepared by: Nurdan KAYA (Chemical Engineer)

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##### 1.4 EMERGENCY SITUATION LINE

International Poison Consultation Center (UZEM) : 114

Emergency Health Service : 112

#### 2-) HARMFULNESS SPESIFICATION

##### 2.1 PRODUCT CLASSIFICATION

Classification (28848 T.C.)

Physical and Chemical Hazards Flammable Liq. 2 H225

##### Human Health

Acute Tox. 3 H301

Acute Tox. 3 H311

Acute Tox. 3 H331

Eye Irritation 2 H319

Skin Corrosive 1B H314

##### Environment

Aquatic Chronic 1 H410

Aquatic Acute 1 H400

Aquatic Chronic 2 H411



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**2.2 LABEL FACTOR**

Labelling (28848 T.C.)



**Warning Instruction : Attention**

**Harmfulness Significations :**

- H301** Toksik in case of swallow  
**H317** Causes allergic skin reactions  
**H410** Very toxic at aquatic environment for long time

**Prevention Significations :**

- P264** Wash your hands after using  
**P303+P361+P353** In case of skin contact, remove all dirty clothes and wash with plenty of water  
**P305+P351 +P338** In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.  
**P301 + P330+P331** In case of swallow, clean your mouth and don't try to throw up

**2.3 OTHER HARMFULNESS**

The product doesn't characterize as PBT and vPvT

**3.INGREDIENTS OF THE PRODUCT**

INCI Name	CAS Number	EINECS/ELICS Numbers	Function	Classification (According to SEA)	Concentration (%)*
Aqua	7732-18-5	231-791-2	Solvent	Not classified	*
Fatty acids, C16-18 (even numbered) and C18 unsatd.,	157905-74-3 / 67-63-0	931-203-0 / 200-661-	Surfactant		%>=1 <%5

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reaction products with triethanolamine, di-Me sulfate-quaternized, isopropanol		7		Flam. Liq. 2 H225, Eye Irr. 2 H319 STOT SE 3 H336	
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	611-341-5	Preservative	Acute Tox. 3 H301 Acute Tox. 3 H311 Skin Corr. 1B H314 Skin Sens. 1 H317 Acute Tox. 3 H331 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	%<1
Cyclopenta[G]-2-Benzopyran, 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-Hexamethyl-, Benzoic Acid, 2-Hydroxy-, Hexyl Ester, Benzenepropanal, 4-(1,1-Dimethylethyl)-.Alpha.-Methyl-, Benzeneethanol, Octanal, 2-(Phenylmethylene)-, Ethanone, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-Naphthalenyl)-, 7-Octen-2-ol, 2,6-Dimethyl-, Benzoic Acid, 2-Hydroxy-, Phenylmethyl Ester, 4,7-Methano-1h-Inden-6-ol, 3a,4,5,6,7,7a-Hexahydro-, Acetate, 3-Cyclohexene-1-Carboxaldehyde, 3 (Or 4)-(4-Hydroxy-4-Methylpentyl)-, 6-Octen-1-ol, 3,7-Dimethyl-, 2,6-Octadien-1-ol, 3,7-Dimethyl-, (E)-, 3-Cyclohexene-1-Methanol, .Alpha.,.Alpha.,4-Trimethyl-, Acetate, 2-Buten-1-ol, 2-Ethyl-4-(2,2,3-Trimethyl-3-Cyclopenten-1-yl)-, Cyclohexanol, 2-(1,1-Dimethylethyl)-, Acetate, 10-Undecenal, 3-Cyclohexene-1-Carboxaldehyde, 2,4-Dimethyl-, Benzeneacetic Acid, 2-Phenylethyl Ester, Benzoic Acid, 2-Hydroxy-, (3z)-3-Hexen-1-yl Ester, 3-Buten-2-One, 3-Methyl-4-(2,6,6-Trimethyl-2-Cyclohexen-1-yl)-, Phenol, 2-Methoxy-4-(2-Propenyl)-, 2-Buten-1-One, 1-(2,6,6-Trimethyl-3-Cyclohexen-1-yl)-, 4,7-Methano-1h-Inden-6-ol, 3a,4,5,6,7,7a-Hexahydro-, Propanoate, 2-Propenoic Acid, 3-Phenyl-, Phenylmethyl Ester, Octanal, 7-Hydroxy-3,7-Dimethyl-, 0.1 - 0.5%	1222-05-5 / 6259-76-3 / 80-54-6 / 60-12-8 / 101-86-0 / 54464-57-2 / 18479-58-8 / 118-58-1 / 5413-60-5 / 130066-44-3 / 106-22-9 / 106-24-1 / 80-26-2 / 28219-61-6 / 88-41-5 / 112-45-8 / 68039-49-6 / 102-20-5 / 65405-77-8 / 127-51-5 / 97-53-0 / 57378-68-4 / 17511-60-3 / 103-41-3 / 107-75-5 / 16409-43-1 / 127-42-4 / 106-21-8	-	Perfuming	Skin Irritation 2 H315 Skin Sens. 1B H317 Eye Irritation 2 H319 Aquatic Chronic 2 H411	%<1

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2h-Pyran, Tetrahydro-4-Methyl-2-(2-Methyl-1-Propenyl)-, 1-Penten-3-One, 1-(2,6,6-Trimethyl-2-Cyclohexen-1-Yl)-, [R-(E)]-, 1-Octanol, 3,7-Dimethyl-					
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*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

*The datas have been specified according to current E.U. and T.C. regulations.*

**4. FIRST AID PRECAUTIONS****4.1 EXPLANATION OF FIRST AID PRECAUTIONS****General Informations:**

*Apply general first aid, let rest, keep warm and provide fresh air. If the casualty is fainted, don't try to give anything to drink or eat.*

*In situation of resumption of sickness, apply to a doctor.*

***In case of inhalation:*** *Take patient to fresh air, if symptoms occur. If breathing has stopped, apply artificial respiration.*

***In case of swallow:*** *Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.*

***In case of skin contact:*** *Rinse with plenty of water. Get medical attention if symptoms occur.*

***In case of eye contact:*** *Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.*

**5. FIRE FIGHTING PRECAUTION****5.1 FIRE EXTINGUISHERS**

*Suitable Fire extinguishers: : Dry chemical, CO 2, alcohol-resistant foam or water spray. Dry chemical. Alcohol-resistant foam.*

*Unsuitable Fire extinguishers: No information available*



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#### 5.2 ESPECIAL DAMAGES

*This mixture is not combustible under normal conditions.*

#### 5.3 ADVICES FOR FIRE EXTINGUISHERS

*Especial methods for fire fighting:*

*Use presured air mask in situation of fire. Cool the equipments which affected from fire.*

*Protector equipments:*

*In case of fire, use independent inhalation gizmo and protection cloth.*

### 6.PRECAUTIONS AGAINST TO DIFFUSE AFTER ACCIDENT

#### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

*Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Use personal protective equipment as required.*

#### 6.2 ENVIRONMENTAL PRECAUTIONS

*Keep out of waterways. Do not discharge product into natural waters without pre-treatment or adequate dilution.*

#### 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

**Methods for Containment :** *Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.*

**Methods for Cleaning Up :**

*Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.*

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#### 7. HANDLING AND STORAGE

##### 7.1 PRECAUTIONS FOR SAFELY HANDLING

*Use personal protective equipment as required. Keep container closed when not in use.*

*Never return spills in original containers for re-use. Keep out of the reach of children.*

##### 7.2 CONDITIONS FOR SAFELY STORAGE

*Keep containers tightly closed in a dry, cool and well-ventilated place.*

#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTIONS

##### **Components with workplace control parameters**

Showers - Eyewash stations - Ventilation systems

**Respiratory protection** : No special protective equipment required.

**Remarks** : For prolonged or repeated contact use protective gloves.

**Eye protection** : No special protective equipment required.

**Skin and hand protection:** No special protective equipment required.

**Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods. Remove and wash contaminated clothing before re-use. Do not eat, drink, or smoke when using this product.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

##### 9.1 INFORMATIONS ABOUT GENERAL FUNDAMENTAL PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	<b>Opac</b>
<b>Colour</b>	<b>Green</b>
<b>Odour</b>	<b>Characteristic</b>
<b>Odour Threshold</b>	<b>Not determined</b>



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<b>pH value @20°</b>	<b>2-4</b>
<b>Melting point</b>	<b>Not determined</b>
<b>Boiling point</b>	<b>Not determined</b>
<b>Flashing point</b>	<b>Not flammable</b>
<b>Evaporation rate (butyl acetate=1)</b>	<b>Not determined</b>
<b>Flammability</b>	<b>Not determined</b>
<b>Max/Min expolsing limits</b>	<b>Not explosive</b>
<b>VaporPressure (mmHg)</b>	<b>Not determined</b>
<b>Vapor Density (air=1)</b>	<b>Not determined</b>
<b>Solubility</b>	<b>Soluble</b>
<b>Distribution coefficient</b>	<b>Not determined</b>
<b>Inflammation temperature</b>	<b>Not determined</b>
<b>Degredation temperature</b>	<b>Not determined</b>
<b>Viscosity (SP4, 100 RPM, @20°C)(cp)</b>	<b>Not determined</b>

**10.STABILITY AND REACTION**

**10.1 REACTION:** There is no any known hazardous reaction.

**10.2 CHEMICAL STABILITY:** Stable under recommended storage conditions.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS:** None under normal processing.

**10.4 SITUATIONS TO AVOID:** None known based on information supplied.

**10.5 INCOMPATIBLE MATERIALS:** None known

**11.TOXICOLOGICAL INFORMATIONS****11.1 INFORMATION ON TOXICOLOGICAL EFFECTS****PRODUCT:**

**Inhalation:** : No known effect

**Eye contact:** No known effect

**Skin Contact:** No known effect



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**Ingestion:** No known effect

**Acute oral toxicity:** No known effect

**Acute dermal toxicity:** No known effect

**Information on toxicological effects:**

**Symptoms :**May cause redness and tearing of the eyes. May cause burns to eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure:**

Sensitization: No known effect

Mutagenic Effects: No known effect

Carcinogenicity: No known effect

**Reproductive Toxicity:** No known effect

**STOT - single exposure** No known effect

**STOT - repeated exposure** No known effect

**Chronic Toxicity** No known effect

**Target Organ Effects** No known effect

**Aspiration Hazard** No known effect

#### **COMPONENTS:**

**Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized, isopropanol:**

Acut toxicity oral LD50: 5000 mg/kg

Acut toxicity dermal LD50: >2000 mg/kg

Skin Contact: Not irritant on skin

Eye Contact: Not irritation on eyes

Inhalation: Not irritant

**STOT - single exposure:** Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

**STOT - repeated exposure :** The information available on the product provides no indication of toxicity on target organs after repeated exposure.





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*reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):*

*Acut toxicity oral LD50: 69 mg/kg*

*Acut toxicity dermal LD50: 141 mg/kg*

*Skin Contact: Irritant*

*Eye Contact: Irritant*

*Inhalation: No information available*

*STOT - single exposure: Based on the available information there is no specific target organ toxicity to be expected after a single exposure.*

*STOT - repeated exposure : The information available on the product provides no indication of toxicity on target organs after repeated exposure.*

**Parfüm:**

*Acut toxicity oral LD50: No information available*

*Acut toxicity dermal LD50: No information available*

*Skin Contact: No information available*

*Eye Contact: No information available*

*Inhalation: No information available*

*STOT - single exposure: No information available*

*STOT - repeated exposure : No information available*

## 12. ECOTOXICOLOGY INFORMATIONS

### 12.1 ECOTOXICITY

*Very toxic to aquatic life with long lasting effects. This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not allow product to enter storm drains, lakes, or streams.*

### 12.2 PERSISTENCY AND BIODEGRADABILITY

*No data available.*

### 12.3 BIOACCUMULATIVE POTENTIAL

*No data available.*

### 12.4 MOBILITY IN SOIL

*No data available.*

### 12.5 RESULT of ASSESMENT of PBT and vPvT



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*No data available.*

#### 12.6 OTHER ADVERSE EFFECTS

*No data available.*

### 13. DISPOSAL CONSIDERATIONS

*Disposal should be in accordance with local, state/provincial and Federal regulations. Don't let to distribution into spring, land and sewage. The product is toxic for the organisms which live in the water.*

### 14. TRANSPORT INFORMATIONS

*Road Transportation RID/ADR : Not classified as dangerous for transport.*

*Sea Transportation: IMDG (Dangerous material transportation on the sea) Not classified as dangerous.*

*Air Transportation: IATA-DGR'ye (Dangerous material transportation on the air) Not classified as dangerous.*

### 15. REGULATORY INFORMATIONS

#### 15.1 SAFETY, HEALTY AND ENVIRONMENT REGULATION FOR MATERIALS AND MIXTURES

##### NATIONAL REGULATION

- *Turkey Republic Ministry of Environment and Urban Planning, the regulation about labelling and packing of materials and mixtures, 11 December 2013 dated, 28848 numbered.*
- *Ministry of Labour and Social Security, the regulation about safety measure and healty on chemical materials, 12 Agust 2013 dated, 28733 numbered.*
- *Ministry of Labour and Social Security, the regulation about using personal protection materials at working place, 02 July 2013 dated, 28695 numbered.*
- *Ministry of Labour and Social Security, occupational health and safety law, 30 June 2012 dated, 6331 numbered.*

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#### 16. OTHER INFORMATIONS

##### 16.1 THE ABRIDGMENTS IN THE MSDS

**ADR:** Europe agreement about dangerous products' transportation on the road

**ADN:** Europe agreement about dangerous products' transportation by sea between continents

**RID:** Europe agreement about dangerous products' transportation by railway

**IATA:** International airway transportation association

**CAS:** Chemical hypothesis service

**PBT:** Permanent, bioaccumulative and toxic material

**vPvT:** So permanent, so bioaccumulative

**ATE:** Estimated acute toxicity döşe

**SEA:** Classification, labelling, packing regulation

**DNEL:** Derivated non effect level

**PNEC:** Predicted non effect concentration

**BHOT:** Spesific target organ toxicity

##### 16.2 ARRANGER

**The MSDS has been arrengeed by:** Nurdan KAYA

**Expert no:** TÜV/11.18.08