



## SAFETY DATA SHEET YAZLIK CAM SUYU

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name YAZLIK CAM SUYU

Product number 13450

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Glass cleaner.

#### 1.3. Details of the supplier of the safety data sheet

Supplier PETROL OFİSİ A.Ş.  
Ünalan Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar/ İstanbul  
Tel: +90 850 339 1919  
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madeniyag@petrolofisi.com.tr

Contact person Customer Services: madeniyag@petrolofisi.com.tr

#### 1.4. Emergency telephone number

Emergency telephone Madeni Yağ Customer Services: 0850 339 1919 (working hours)

National emergency telephone number Emergency Medical Services: 112 National Poison Consultance Center: 114

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

#### 2.2. Label elements

Hazard statements NC Not Classified

Precautionary statements P401 Store in accordance with local regulations.  
P410 Protect from sunlight.  
P501 Dispose of contents/ container in accordance with regional regulations.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

#### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

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<b>ETHANOL</b> <span style="float: right;"><b>1-5%</b></span> CAS number: 64-17-5 <span style="margin-left: 150px;">EC number: 200-578-6</span>
<b>Classification</b> Flam. Liq. 2 - H225
<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 68891-38-3
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412
<b>Paraffin oils, sulfochlorinated, saponified</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 68188-18-1
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Chronic 3 - H412
<b>d-Limonene</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 5989-27-5 <span style="margin-left: 150px;">EC number: 227-813-5</span> M factor (Acute) = 1 <span style="margin-left: 150px;">M factor (Chronic) = 1</span>
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
<b>N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 2372-82-9 M factor (Acute) = 10 <span style="margin-left: 150px;">M factor (Chronic) = 1</span>
<b>Classification</b> Acute Tox. 3 - H301 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT RE 2 - H373 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

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<b>2-Methyl-2H-isothiazol-3-one</b> <span style="float: right;">&lt;1%</span> CAS number: 2682-20-4 M factor (Acute) = 1
<b>Classification</b> Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 2 - H330 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1A - H317 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411
<b>1,2-Benzisothiazol-3(2H)-one</b> <span style="float: right;">&lt;1%</span> CAS number: 2634-33-5 M factor (Acute) = 1
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

The full text for all hazard statements is displayed in Section 16.

**Ingredient notes** See Section 8 for occupational exposure limits.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing.
<b>Ingestion</b>	Sadece ağız kirlenmişse su ile çalkalanmalıdır. Yutulması durumunda zorla kusturulmadan doktora götürülmelidir.
<b>Skin contact</b>	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
<b>Eye contact</b>	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	See Section 11 for additional information on health hazards.
<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	May cause stomach pain or vomiting.

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**Skin contact** May cause skin disorders if contact is repeated or prolonged.

**Eye contact** Prolonged contact may cause redness and/or tearing.

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

**Notes for the doctor** Treat symptomatically.

**Specific treatments** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Not applicable.

**Hazardous combustion products** No known hazardous decomposition products.

### 5.3. Advice for firefighters

**Protective actions during firefighting** In case of insufficient ventilation, wear the required breathing apparatus.

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with spilled or released material. Observe the relevant local and international regulations. Evacuate the area of all nonessential personnel. Ventilate contaminated area thoroughly.

**For non-emergency personnel** Necessary precautions should be taken to ensure that non-educated personnel do not intervene.

**For emergency responders** Wear protective clothing as shown in section 8 of this safety data sheet. Notification: In case of spillage, notify the local authorities as appropriate or as necessary. Stop the leakage source if it can be done without risk. Limit spillage to prevent further contamination of soil, surface or ground water. Remove any spilled material as soon as possible by following the precautions in the section Exposure Controls / Personal Protection. Use suitable techniques such as non-flammable absorbent materials or pumping. When possible or appropriate, remove the contaminated soil from the area. Place contaminated products in disposable boxes and dispose of in accordance with regulations. If a heated material is spilled, allow it to cool before handling with disposal methods.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Do not touch or walk into spilled material. Contain spillage with sand, earth or other suitable non-combustible material.

### 6.4. Reference to other sections

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**Reference to other sections** For personal protection, see Section 8. See Section 1 for emergency contact information. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see section 13. See Section 7 for more information on safe handling.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Good ventilation should be provided in the working environment and inhalation of vapor generated during use should be avoided.  
Skin contact should be avoided and hygienic rules should be followed.  
Eye contact should be avoided. Wear goggles or a face mask to prevent eye contact.  
Avoid eating, drinking and smoking while using. Use disposable clothing.

**Advice on general occupational hygiene** Store in a cool, dry and well-ventilated place without freezing (<35 ° C). Güneş ışığından koruyunuz.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep only in the original container in a cool, well-ventilated place.

**Storage class** Not applicable.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**Usage description** The product must be used as specified in the data sheet.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

No other information known.

#### ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits

**DNEL** There is no available data.

**DMEL** There is no available data.

**PNEC** There is no available data.

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls** Provide adequate general and local exhaust ventilation.

**Personal protection** The effectiveness of personal protective equipment, together with other elements, depends on the degree of ventilation. Depending on the particular situation in question, Get professional support.

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<b>Eye/face protection</b>	Wear eye protection.
<b>Hand protection</b>	Wear protective gloves.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	Provide eyewash station.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn.
<b>Thermal hazards</b>	If there is a risk of contact with hot product, all protective equipment worn should be suitable for use with high temperatures.
<b>Environmental exposure controls</b>	There is no available data.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Coloured liquid.
<b>Colour</b>	Pink.
<b>Odour</b>	Perfume.
<b>Odour threshold</b>	No information available.
<b>pH</b>	No information available.
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	99°C @ 760 mm Hg
<b>Flash point</b>	> 100°C Closed cup.
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Other flammability</b>	No information available.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	Data lacking.
<b>Bulk density</b>	No information available.
<b>Solubility(ies)</b>	No information available.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	Not available.

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**Explosive under the influence of a flame** Not considered to be explosive.

**Oxidising properties** No data available.

**Comments** No specific test data are available.

### 9.2. Other information

**Other information** No information required.

**Refractive index** No specific test data are available.

**Particle size** No specific test data are available.

**Molecular weight** No specific test data are available.

**Volatility** No specific test data are available.

**Saturation concentration** No specific test data are available.

**Critical temperature** No specific test data are available.

**Volatile organic compound** No specific test data are available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None known.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid** Uygun bilgi yok.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Uygun bilgi yok.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** Bu ürün üzerinde toksikolojik araştırma yapılmamıştır.

**Other health effects** No other information known.

#### Acute toxicity - oral

**Summary** Based on available data the classification criteria are not met.

**Notes (oral LD<sub>50</sub>)** No other information known.

#### Acute toxicity - dermal

**Summary** Based on available data the classification criteria are not met.

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<b>Notes (dermal LD<sub>50</sub>)</b>	No other information known.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Summary</b>	Based on available data the classification criteria are not met.
<b>Notes (inhalation LC<sub>50</sub>)</b>	No other information known.
<b><u>Skin corrosion/irritation</u></b>	
<b>Summary</b>	Based on available data the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Based on available data the classification criteria are not met.
<b>Animal data</b>	Based on available data the classification criteria are not met.
<b>Human skin model test</b>	Based on available data the classification criteria are not met.
<b>Extreme pH</b>	Based on available data the classification criteria are not met.
<b><u>Serious eye damage/irritation</u></b>	
<b>Summary</b>	Based on available data the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Based on available data the classification criteria are not met.
<b><u>Respiratory sensitisation</u></b>	
<b>Summary</b>	Based on available data the classification criteria are not met.
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b>	
<b>Summary</b>	Based on available data the classification criteria are not met.
<b>Skin sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Summary</b>	Based on available data the classification criteria are not met.
<b>Genotoxicity - in vitro</b>	Based on available data the classification criteria are not met.
<b>Genotoxicity - in vivo</b>	Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Summary</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b>Target organ for carcinogenicity</b>	No specific target organs known.
<b>IARC carcinogenicity</b>	No other information known.
<b>NTP carcinogenicity</b>	No other information known.
<b><u>Reproductive toxicity</u></b>	
<b>Summary</b>	No other information known.
<b>Reproductive toxicity - fertility</b>	No other information known.
<b>Reproductive toxicity - development</b>	No other information known.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>Summary</b>	No other information known.
<b>STOT - single exposure</b>	Based on available data the classification criteria are not met.



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<b>Target organs</b>	No other information known.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>Summary</b>	No other information known.
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b>Target organs</b>	No other information known.
<b><u>Aspiration hazard</u></b>	
<b>Summary</b>	No other information known.
<b>Aspiration hazard</b>	No other information known.
<b><u>Toxicokinetics</u></b>	
<b>General information</b>	No other information known.
<b>Inhalation</b>	No other information known.
<b>Ingestion</b>	Harmful if swallowed.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended.
<b>Eye contact</b>	No specific health hazards known.
<b>Acute and chronic health hazards</b>	No other information known.
<b>Route of exposure</b>	No other information known.
<b>Target organs</b>	No other information known.
<b>Medical symptoms</b>	No other information known.
<b>Medical considerations</b>	No other information known.

### Toxicological information on ingredients.

#### Alcohols, C12-14, ethoxylated, sulfates, sodium salts

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 4100 mg/kg, bw., Oral, Rat NOAEL >225 mg/kg, bw/day, Oral, Rat

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, bw., Dermal, Rat

##### Skin corrosion/irritation

**Skin corrosion/irritation** Severe skin irritation.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Causes eye irritation.

##### Skin sensitisation

**Skin sensitisation** Not sensitising.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Negative.

**Genotoxicity - in vivo** Negative.

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### Carcinogenicity

**Carcinogenicity** NOEL >75 mg/kg, day, , Rat, Read across.

### Reproductive toxicity

**Reproductive toxicity - fertility** Fertility - NOAEL >300 mg/kg, bw/day, Oral, Rat

**Reproductive toxicity - development** Developmental toxicity: - NOAEL: >1000 mg/kg, bw/day, Oral, Rat

### Paraffin oils, sulfochlorinated, saponified

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 1271 mg/kg, bw., Oral, Rat NOAEL 200 mg/kg, bw/day, Oral, Rat

**ATE oral (mg/kg)** 500.0

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, bw., Dermal, Rat

#### Skin corrosion/irritation

**Skin corrosion/irritation** Corrosive to skin.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Corrosivity to eyes is assumed.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Negative.

### Carcinogenicity

**Carcinogenicity** NOEL 1000 mg/kg, bw/day, Oral, Rat

### d-Limonene

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 4400 mg/kg, bw., Oral, Rat NOEL 5 mg/kg, bw/day, Oral, Rat

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, bw., Dermal, Rabbit

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** LC<sub>50</sub> >5000 mg/m<sup>3</sup>, Inhalation, Estimated value.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Corrosive to skin.

#### Skin sensitisation

**Skin sensitisation** OECD 429 - Mouse: 10075 ug/cm<sup>2</sup>

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Negative.

**Genotoxicity - in vivo** >2000 mg/kg, bw/day Rat

### Carcinogenicity

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**Carcinogenicity** NOEL 75 mg/kg, bw/day, Oral, Rat Negative. Estimated value.

### Reproductive toxicity

**Reproductive toxicity - development** Developmental toxicity: - NOAEL: 600 mg/kg, bw/day, Oral, Rat

### N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 261 mg/kg, Oral, Rat

**ATE oral (mg/kg)** 100.0

### Skin corrosion/irritation

**Skin corrosion/irritation** Prolonged contact may cause burns.

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

### Skin sensitisation

**Skin sensitisation** Not sensitising.

### Carcinogenicity

**Carcinogenicity** Carcinogenicity in humans is not expected.

### Reproductive toxicity

**Reproductive toxicity - fertility** Negative.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL 9 mg/kg, Oral, Rat 90 day, ,

**Target organs** Kidneys

### 2-Methyl-2H-isothiazol-3-one

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 120 mg/kg, Oral, Rat

**ATE oral (mg/kg)** 100.0

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> 242 mg/kg, Dermal, Rat, Female

**ATE dermal (mg/kg)** 300.0

### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** LC<sub>50</sub> 0,11 mg/l, 4 hour, Dust/Mist Rat

**ATE inhalation (dusts/mists mg/l)** 0.05

### Skin corrosion/irritation

**Skin corrosion/irritation** Corrosive to skin.

### Serious eye damage/irritation

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**Serious eye damage/irritation** Causes eye irritation.

### Skin sensitisation

**Skin sensitisation** Sensitising.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Negative.

### Carcinogenicity

**Carcinogenicity** Negative.

### Reproductive toxicity

**Reproductive toxicity - development** Negative.

### 1,2-Benzisothiazol-3(2H)-one

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 1193 mg/kg, Oral, Rat

**ATE oral (mg/kg)** 500.0

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> 4115 mg/kg, Dermal, Rat

### Skin corrosion/irritation

**Skin corrosion/irritation** Irritating to skin.

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

### Skin sensitisation

**Skin sensitisation** Sensitising.

## SECTION 12: Ecological information

**Ecotoxicity** Özel olarak bu ürün için ekotoksikolojik veriler saptanmamıştır.

### 12.1. Toxicity

**Toxicity** Based on available data the classification criteria are not met.

### Acute aquatic toxicity

**Summary** Based on available data the classification criteria are not met.

**Acute toxicity - fish** No specific test data are available.

**Acute toxicity - aquatic invertebrates** No specific test data are available.

**Acute toxicity - aquatic plants** No specific test data are available.

**Acute toxicity - microorganisms** No specific test data are available.

**Acute toxicity - terrestrial** No specific test data are available.

### Chronic aquatic toxicity

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<b>Summary</b>	Based on available data the classification criteria are not met.
<b>Chronic toxicity - fish early life stage</b>	No specific test data are available.
<b>Short term toxicity - embryo and sac fry stages</b>	No specific test data are available.
<b>Chronic toxicity - aquatic invertebrates</b>	No specific test data are available.
<b>Toxicity to soil</b>	No specific test data are available.
<b>Toxicity to terrestrial plants</b>	No specific test data are available.

### Ecological information on ingredients.

#### Alcohols, C12-14, ethoxylated, sulfates, sodium salts

##### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , : 7,1 mg/l, Brachydanio rerio (Zebra Fish) NOEC, Estimated value.: 1 mg/l, day, Pimephales promelas (Fat-head Minnow)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , : 7,2 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	IC <sub>50</sub> , : 27 mg/l, Scenedesmus subspicatus
<b>Acute toxicity - microorganisms</b>	LC <sub>50</sub> , : >1000 mg/l, pseudomonas putida

##### Chronic aquatic toxicity

<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, : 0,27 mg/l, day, Daphnia magna, Estimated value.
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#### Paraffin oils, sulfochlorinated, saponified

##### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , : 4,16 mg/l, Brachydanio rerio (Zebra Fish)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , : 9,48 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	IC <sub>50</sub> , : 365 mg/l, Scenedesmus subspicatus

##### Chronic aquatic toxicity

<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, : 1 mg/l, day, Daphnia magna
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#### d-Limonene

##### Acute aquatic toxicity

<b>LE(C)<sub>50</sub></b>	0.1 < L(E)C <sub>50</sub> ≤ 1
<b>M factor (Acute)</b>	1
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , : 0,720 mg/l, Pimephales promelas (Fat-head Minnow)

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**Acute toxicity - aquatic invertebrates** EC<sub>50</sub> : 0,36 mg/l, Daphnia magna

### Chronic aquatic toxicity

**M factor (Chronic)** 1

**Chronic toxicity - aquatic invertebrates** NOEC : 0,15 mg/l, day, Daphnia magna

### N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.01 < L(E)C<sub>50</sub> ≤ 0.1

**M factor (Acute)** 10

**Acute toxicity - fish** LC<sub>50</sub>, 96 hour: 0,45 mg/l, Lepomis macrochirus (Bluegill)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hour: 0,073 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** ErC<sub>10</sub>, 72 hour: 0,012 mg/l, Desmodesmus subspicatus  
NOEC, 72 hour: >0,001-0,01 mg/l, Selenastrum capricornutum

### Chronic aquatic toxicity

**M factor (Chronic)** 1

**Chronic toxicity - aquatic invertebrates** NOEC, 21 day: 0,024 mg/l, Daphnia magna

### 2-Methyl-2H-isothiazol-3-one

### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.1 < L(E)C<sub>50</sub> ≤ 1

**M factor (Acute)** 1

**Acute toxicity - fish** LC<sub>50</sub>, 96 hour: 4,77 mg/l, Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hour: 0,93-1,9 mg/l, Daphnia magna  
NOEC, 21 day: 0,04 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hour: 0,158 mg/l, Selenastrum capricornutum

### 1,2-Benzisothiazol-3(2H)-one

### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.1 < L(E)C<sub>50</sub> ≤ 1

**M factor (Acute)** 1

**Acute toxicity - fish** LC<sub>50</sub>, 96 hour: 2,18 mg/l, Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hour: 2,94 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** ErC<sub>50</sub>, 72 hour: 0,11 mg/l, Pseudokirchneriella subcapitata  
NOEC, 72 hour: 0,027 mg/l, Skeletonema costatum (marine diatom)

## 12.2. Persistence and degradability

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<b>Persistence and degradability</b>	Uygun bilgi yok.
<b>Phototransformation</b>	No specific test data are available.
<b>Stability (hydrolysis)</b>	No specific test data are available.
<b>Biodegradation</b>	No specific test data are available.
<b>Biological oxygen demand</b>	No specific test data are available.
<b>Chemical oxygen demand</b>	No specific test data are available.

### Ecological information on ingredients.

#### Alcohols, C12-14, ethoxylated, sulfates, sodium salts

**Biodegradation** The substance is readily biodegradable.

#### Paraffin oils, sulfochlorinated, saponified

**Biodegradation** Expected to be readily biodegradable.

#### d-Limonene

**Biodegradation** Expected to be readily biodegradable.  
- >92 %:

#### N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

**Biodegradation** Expected to be readily biodegradable.

#### 2-Methyl-2H-isothiazol-3-one

**Biodegradation** Inherently biodegradable.

#### 1,2-Benzisothiazol-3(2H)-one

**Biodegradation** Expected to be readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No information available.

**Partition coefficient** No information available.

### Ecological information on ingredients.

#### Alcohols, C12-14, ethoxylated, sulfates, sodium salts

**Bioaccumulative potential** log Pow: 0,3,

#### d-Limonene

**Bioaccumulative potential** log Pow: 4,38, BCF: 683,

#### N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

**Bioaccumulative potential** log Pow: -0,7,

#### 2-Methyl-2H-isothiazol-3-one

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**Bioaccumulative potential** log Pow: -0,486,

### 1,2-Benzisothiazol-3(2H)-one

**Bioaccumulative potential** log Pow: 1,3,

#### 12.4. Mobility in soil

<b>Mobility</b>	Ürün toprağa girdiği takdirde yüksek derecede hareketli olacaktır ve yeraltı sularını kirlitebilir.
<b>Adsorption/desorption coefficient</b>	No specific test data are available.
<b>Henry's law constant</b>	No specific test data are available.
<b>Surface tension</b>	No specific test data are available.

#### Ecological information on ingredients.

### N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

**Mobility** Mobile.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** No specific test data are available.

#### 12.6. Other adverse effects

**Other adverse effects** No specific test data are available.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

<b>General information</b>	The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.
<b>Disposal methods</b>	Do not dispose of empty packaging with normal household waste. Product residues, non-empty packagings as chemical waste It should be evaluated. Dispose of waste in an official chemical waste tank.
<b>Waste class</b>	The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

### **SECTION 14: Transport information**

#### 14.1. UN number

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

#### **Transport labels**

No transport warning sign required.

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code



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### SECTION 15: Regulatory information

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

##### EU legislation

Commission Regulation (EU) No 453/2010 of 20 May 2010.  
 Dangerous Preparations Directive 1999/45/EC.  
 Dangerous Substances Directive 67/548/EEC.  
 Source: European Chemicals Agency, <http://echa.europa.eu/>

#### 15.2. Chemical safety assessment

### SECTION 16: Other information

#### Abbreviations and acronyms used in the safety data sheet

TWA: Workplace exposure limits  
 KKE: Personal protective equipment  
 E.U. : European union  
 UZEM: National Poison Information Center  
 ATE: Acute Toxicity Estimate.  
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
 CAS: Chemical Abstracts Service.  
 DNEL: Derived No Effect Level.  
 IATA: International Air Transport Association.  
 GHS: Globally Harmonized System.  
 ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.  
 IMDG: International Maritime Dangerous Goods.  
 PBT: Persistent, Bioaccumulative and Toxic substance.  
 PNEC: Predicted No Effect Concentration.  
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  
 vPvB: Very Persistent and Very Bioaccumulative.  
 IARC: International Agency for Research on Cancer.  
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.

#### Classification abbreviations and acronyms

Acute Tox. = Acute toxicity  
 Skin Corr. = Skin corrosion  
 Eye Dam. = Serious eye damage  
 STOT SE = Specific target organ toxicity-single exposure  
 STOT RE = Specific target organ toxicity-repeated exposure  
 Skin Sens. = Skin sensitisation  
 Carc. = Carcinogenicity  
 Aquatic Acute = Hazardous to the aquatic environment (acute)  
 Aquatic Chronic = Hazardous to the aquatic environment (chronic)  
 Flam. Liq. = Flammable liquid  
 Asp. Tox. = Aspiration hazard

#### General information

Disclaimer : This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Uses and Restrictions : This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. MSDS Distribution : The information in this document should be made available to all who may handle the product. Only trained personnel should use this material. This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters.

## YAZLIK CAM SUYU

<b>Key literature references and sources for data</b>	This SDS is prepared based on the information received from raw material suppliers. Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	Not classified for environmental hazards., Not classified for physical hazards., Not classified for health hazards.: Calculation method., Supplier information
<b>Training advice</b>	Untrained personnel should not use.
<b>Revision comments</b>	Revised formulation.
<b>Issued by</b>	Sevda ŞAHAN Certified Safety Data Sheet Preparer (Certificate Id:GBF01.23.08;Dates: 03.11.2018-03.11.2021)
<b>Revision date</b>	10/04/2020
<b>Revision</b>	1
<b>Supersedes date</b>	01/08/2019
<b>SDS number</b>	20389
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. H373 May cause damage to organs through prolonged or repeated exposure if swallowed or if inhaled.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.