



**SAFETY DATA SHEET**  
**Dekso Automat Powder Detergent**

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

**1.1. Product identifier**

**Productname** Dekso Automat Powder Detergent

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

Powder Laundry Detergent

**Usesadvisedagainst** Do not use for personal cleansing.

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

**Exporter** YETİŞ DETERJAN İÇ VE DIŞ TİC. A.Ş.

**Producer** ETAP KOZMETİK KİMYA SAN. VE DIŞ TİC. A.Ş.

Büyükkayacık OSB mh. 8.sk. No:23/1 Selçuklu/ KONYA/ TURKEY

Tel: +90 332 239 11 02

**Contactperson** QualityUnit

**1.4. Emergency telephone number**

**Emergency telephone** ETAP KOZMETİK KİMYA : + (90) 332 239 11 02

**SECTION 2: Hazards identification**

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

**Classification**

**Physicalhazards** Not Classified

**Healthhazards** Eye Dam. 1 - H318

Skin Irrit.2 - H315

**Environmental hazards** Not Classified

**2.2. Label elements**

**Pictogram**



**Signalword** Danger

**Hazard statements**

**H318:** Causes serious eye damage

**H315:** Causes skin irritation

**H319:** Causes serious eye irritation

**Precautionarystatements**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P102 Keep out of reach of children.

**Contains**

Linear Alkyl Benzene Sulfonate, Alcohols C13-15 branched and linear ethoxylated, sodium carbonate.



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### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

This product does not contain any substances classified as PBT or vPvB.

### 3.2. Mixtures

<b>Sodium Carbonate</b>	<b>5-15%</b>
CAS number: 497-19-8	EC number: 207-838-8
<b>Classification</b> Eye Irrit.2 - H319	

<b>Linear Alkyl Benzene Sulfonate</b>	<b>&lt;5%</b>
CAS number: 85536-14-7	EC number: 287-494-3
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit.2 - H315 Aquatic Chronic.3-H412 Eye Dam.1 - H 318	

<b>Alcohols, C13-15, branched and linear, ethoxylated</b>	<b>&lt;5%</b>
CAS number: 157627-86-6	
<b>Classification</b> H318 Eye Dam.1 H302 Akut Tox.4	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.



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<b>Skincontact</b>	Brush off loose particles from skin. Rinse with water.
<b>Eyecontact</b>	Rinse immediately with plenty of water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
<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>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Dust may irritate the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
<b>Ingestion</b>	No specific symptoms known.
<b>Skincontact</b>	Prolonged contact may cause dryness of the skin.
<b>Eyecontact</b>	This product is strongly irritating. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

#### 4.3. Indication of an immediate medical attention and special treatment needed Notes for the doctor

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	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

None known.

<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and water courses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Avoid contact with skin, eyes and clothing. Avoid inhalation of dust.
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid discharge into drains or water courses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

#### Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Neutralise with acid. Following dilution and neutralisation, discharge to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. For waste disposal, see Section 13.

### 6.4. Reference to other sections

#### Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

### 7.1. Precautions for safe handling

## SECTION 7: Handling and storage

#### Usage precautions

Keep out of the reach of children. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Avoid handling which leads to dust formation. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

#### Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

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

#### Storage precautions

Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Store away from the following materials: Acids. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

#### Storage class

Chemical storage.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

Occupational exposure limits No data available.

General dust (TWA-8h) : 10 mg/m<sup>3</sup>

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Use mechanical ventilation if there is a risk of handling causing formation of airborne dust.



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<b>Eye/face protection</b>	Avoid contact with eyes. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear tight-fitting, dust-resistant, chemical splash goggles if airborne dust is generated.
<b>Hand protection</b>	No specific hand protection recommended. For users with sensitive skin, it is recommended that suitable protective gloves are worn. It is recommended that gloves are made of the following material: Butyl rubber. Polyvinyl chloride (PVC).
<b>Other skin and body protection</b>	No specific requirements are anticipated under normal conditions of use. Wear appropriate clothing to prevent repeated or prolonged skin contact.
<b>Hygiene measures</b>	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.
<b>Respiratory protection</b>	No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use. Avoid release to the environment.

## SECTION 9: Physical and Chemical Properties

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

Solid. Powder.

<b>Colour</b>	White.
<b>Odour</b>	Perfume.
<b>pH</b>	pH (concentrated solution): 10-11
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Relative density</b>	No information available.
<b>Solubility(ies)</b>	Completely soluble in water.
<b>Decomposition Temperature</b>	No information required.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	There are no chemical groups present in the product that are associated with explosive properties.
<b>Oxidising properties</b>	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

### 9.2. Other information

**Other information** No information required.

## 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 and when used as recommended. Stable under the prescribed storage conditions.



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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

### 10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

Materials to avoid Acid anhydrides. Acids. Phenols, cresols.

### 10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects Acute toxicity - oral

Notes(oralLD<sub>50</sub>) Based on available data the classification criteria are not met.

ATE<sub>oral</sub>(mg/kg) 2,209,302.0

### Acute toxicity - dermal

Notes(dermalLD<sub>50</sub>) Based on available data the classification criteria are not met.

### Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) Based on available data the classification criteria are not met.

### Skin corrosion/irritation

Animaldata Based on available data the classification criteria are not met.

### Serious eye damage/irritation

Serious eye damage/irritation Irritation of eyes is assumed.

### Respiratory sensitisation

Respiratorysensitisation Based on available data the classification criteria are not met.

### Skin sensitisation

Skinsensitisation Based on available data the classification criteria are not met.

### Germ cell mutagenicity

Genotoxicity -in vitro Based on available data the classification criteria are not met.

### Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met. IARC

carcinogenicity None of the ingredients are listed or exempt.

### Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

STOT -single exposure Not classified as a specific target organ toxicant after a single exposure.

**Specific target organ toxicity - repeated exposure**



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<b>STOT-repeated exposure</b>	Not classified as a specific target organ toxicant after repeated exposure.
<b><u>Aspiration hazard</u></b>	
Aspiration hazard	Not relevant. Solid.
<b>General information</b>	
	Dust may irritate the eyes and the respiratory system. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Dust may irritate the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	Prolonged contact may cause dryness of the skin.
<b>Eye contact</b>	This product is strongly irritating. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
<b>Route of entry</b>	Ingestion Inhalation Skin and/or eye contact
<b>Target organs</b>	No specific target organs known.

## SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

### **12.1. Toxicity**

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

### **12.2. Persistence and degradability**

**Persistence and degradability** The surfactant(s) contained in this product complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

### **12.3. Bioaccumulative potential**

**Bioaccumulative potential** The product is not bioaccumulating.

### **12.4. Mobility in soil**

**Mobility** The product is water-soluble and may spread in water systems.

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

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### **12.6. Other adverse effects**

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### **13.1. Waste treatment methods**

**General information** The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.





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<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
<b>Waste class</b>	20 01 29* Detergents containing dangerous substances

#### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name** Not

applicable.

**14.3. Transport hazard class(es)** No

transport warning sign required.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

Environmentally hazardous substance/marine pollutant No.

**14.6. Special precautions for user** Not

applicable.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Code

#### SECTION 15: Regulatory information

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

Health and Safety at Work etc. Act 1974 (as amended).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits.

**EU legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Commission Regulation (EU) No 453/2010 of 20 May 2010.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**Dekso Automat Powder Detergent****SECTION 16: Other information**

Classification procedures according to Regulation(EC)1272/2008 Eye Dam. 1 - H318: : Calculation method.

**Training advice** Read and follow manufacturer's recommendations.

**Regulation** : AYTEN ŞEKER - SDS Certificate  
Certificate number and Date:TUV01.16003/ 23.07.2018

**New Date Of Arrangement** : 29.08.2018

**Repetition of Revisions** : 0.0

**Date of Preparation** : 29.08.2018

**SDS No** : 013

**Hazard statements in full**

- H302 Harmful if swallowed.
- H315 Causes eye irritation.
- H318 Causes serious eye damage.
- H412 Harmful to aquatic life with long lasting effects.

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.