

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

#### 1.1. Product identifier

Product name : Special Decalcifier

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Coffee machine lime remover

##### 1.2.2. Uses advised against

Restrictions on use : No data available

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

UEK Enerji Sanayi ve Ticaret Ltd. Şti.  
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A3 Blok Kat:13 D:66 Maltepe / İstanbul – Turkey  
Tel: +90 216 515 33 01  
[info@uek.com.tr](mailto:info@uek.com.tr) - [www.uek.com.tr](http://www.uek.com.tr)

#### 1.4. Emergency telephone number

Emergency number : +90 216 515 33 01

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 2 H319

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

Causes serious eye irritation. Causes skin irritation.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.

Precautionary statements (CLP) :

P264 - Wash hands, forearms and face thoroughly after handling.  
P280 - Wear eye protection, protective gloves.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name           | Product identifier   | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP]      |
|----------------|--|-------|--|
| Sulphamic acid | (CAS-No.) 5329-14-6<br>(EC-No.) 226-218-8<br>(EC Index-No.) 016-026-00-0 | >= 15 | Eye Irrit. 2, H319<br>Skin Irrit. 2, H315<br>Aquatic Chronic 3, H412 |

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
- First-aid measures after skin contact : Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a poison center or a doctor if you feel unwell.

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

- Symptoms/effects after skin contact : Skin irritation.
- Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
- Unsuitable extinguishing media : High volume water jet.

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

- Hazardous decomposition products in case of fire; : Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Sulphur oxides.

#### 5.3. Advice for firefighters

- Firefighting instructions : Cool closed containers exposed to fire with water spray.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Ventilate spillage area. Avoid all unnecessary exposure. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Evacuate unnecessary personnel.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- Methods for cleaning up : Take up liquid spill into absorbent material. Collect in closed containers for disposal.
- Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For disposal of residues refer to section 13 : Disposal considerations" ". For further information refer to section 8: "Exposure controls/personal protection".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

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

- Storage conditions : Always keep container in upright position. Keep container tightly closed and dry. Keep in a cool, well-ventilated place away from incompatible materials. Containers which are opened should be properly resealed and kept upright to prevent leakage. Label the container and provide warning statements to prevent any contact. Store away from direct sunlight or heat sources.

Incompatible materials : Acids.  
Packaging materials : Polyvinylchloride (PVC). Polyethylene (high density).

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

No additional information available

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

**Hand protection:**

Protective gloves. Neoprene gloves. PVC gloves. Standard EN 374 - Protective gloves against chemicals.

**Eye protection:**

Safety glasses with side shields. Safety goggles recommended during refilling. Standard EN 166 - Personal eye-protection.

**Skin and body protection:**

Standard EN 14605 - Protective clothing against liquid chemicals.

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

**Personal protective equipment symbol(s):**



**Environmental exposure controls:**

Avoid release to the environment.

**SECTION 9: Physical and chemical properties**

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

Physical state : Liquid  
Colour : Clear.  
Odour : Characteristics.  
Odour threshold : No data available  
pH : 2 - 3  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : Not applicable  
Freezing point : ≈ 0 °C  
Boiling point : ≈ 100 °C  
Flash point : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : Not applicable  
Vapour pressure : 0 hPa  
Relative vapour density at 20 °C : No data available  
Relative density : 1.05 ± 0.5  
Solubility : Soluble in water.  
Log Pow : No data available  
Viscosity, kinematic : 0.83 cSt (25 °C)  
Viscosity, dynamic : No data available  
Explosive properties : Not explosive.  
Oxidising properties : Not oxidizing.  
Explosive limits : No data available

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under normal conditions of use.

**10.4. Conditions to avoid**

None under recommended storage and handling conditions (see section 7).

**10.5. Incompatible materials**

Acids.

**10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Acute toxicity                    | : Not classified                 |
| Skin corrosion/irritation         | : Causes skin irritation.        |
| Serious eye damage/irritation     | : Causes serious eye irritation. |
| Respiratory or skin sensitisation | : Not classified                 |
| Germ cell mutagenicity            | : Not classified                 |
| Carcinogenicity                   | : Not classified                 |
| Reproductive toxicity             | : Not classified                 |
| STOT-single exposure              | : Not classified                 |
| STOT-repeated exposure            | : Not classified                 |
| Aspiration hazard                 | : Not classified                 |

**SECTION 12: Ecological information****12.1. Toxicity**

|                          |   |
|--------------------------|---|
| Ecology - general        | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Acute aquatic toxicity   | : Not classified  |
| Chronic aquatic toxicity | : Not classified  |

**12.2. Persistence and degradability**

No additional information available

**12.3. Bioaccumulative potential**

No additional information available

**12.4. Mobility in soil**

No additional information available

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

No additional information available

**12.6. Other adverse effects**

No additional information available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

|  |   |
|--|---|
| Regional legislation (waste)               | : Dispose in a safe manner in accordance with local/national regulations.   |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.   |
| Product/Packaging disposal recommendations | : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| European List of Waste (LoW) code          | : According to the European Waste Catalogue, waste codes are not product specific, but application specific. Waste codes should be assigned by the user.      |

**SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |

**14.6. Special precautions for user**
**- Overland transport**

Not applicable

**- Transport by sea**

Not applicable

**- Air transport**

Not applicable

**- Inland waterway transport**

Not applicable

**- Rail transport**

Not applicable

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable

**SECTION 15: Regulatory information**
**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
**15.1.1. EU-Regulations**

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

**15.1.2. National regulations**
**Germany**

Reference to AwSV : Water hazard class (WGK) 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**Netherlands**

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**SECTION 16: Other information**

Abbreviations and acronyms:



# BARISTA

## SPECIAL DECALCIFIER

### Safety Data Sheet

according to Regulation (EU) 2015/830

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|       |   |
|-------|---|
| ADN   | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| ADR   | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| CLP   | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| IATA  | International Air Transport Association   |
| IMDG  | International Maritime Dangerous Goods  |
| PBT   | Persistent Bioaccumulative Toxic  |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID   | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS   | Safety Data Sheet   |
| vPvB  | Very Persistent and Very Bioaccumulative  |

Full text of H- and EUH-statements:

|                   |   |
|-------------------|---|
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Irrit. 2      | Serious eye damage/eye irritation, Category 2                     |
| Skin Irrit. 2     | Skin corrosion/irritation, Category 2                             |
| H315              | Causes skin irritation.   |
| H319              | Causes serious eye irritation.                                    |
| H412              | Harmful to aquatic life with long lasting effects.                |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

|               |      |                    |
|---------------|------|--------------------|
| Skin Irrit. 2 | H315 | Calculation method |
| Eye Irrit. 2  | H319 | Calculation method |

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