

MSDS NO: F.310

PRINTING DATE:12.12.2017

REVISION: 00

according to (EC) No 96/335/EC & 76/768/EEC

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**PRODUCT NAME** GASTRO KC 310  
**INTENDED USE** Cleaning Product  
**MANUFACTURER / SUPPLIER NAME AND ADDRESS:**  
**COMPANY NAME** LABOORY KİMYA TEMİZLİK MADDELERİ PLASTİK SAN. VE TİC. LTD. ŞTİ.  
İkitelli OSB Mah. Metal İş Sanayi Sitesi 18. Blok No:10/10  
Başakşehir / İstanbul.  
**Web e-mail:** [www.laboory.com](http://www.laboory.com)  
**PRODUCTION COMPANY:**  
**COMPANY NAME** ENDEKS KİMYA A.Ş.  
Adnan Kahveci Mah. Davutpaşa Cad. No:17 Beylikdüzü/İSTANBUL  
E-posta: [info@endekskimya.com](mailto:info@endekskimya.com), Web : [www.endekskimya.com](http://www.endekskimya.com)  
**Web e-mail:**  
**Phone:** +90 212 856 13 66  
**EMERGENCY INFORMATION (UZEM):** 114

**Information for the Product about Person :** Lokman Çolak

**Information for the MSDS about Person msds writer** Sinem Yazıcı

e- mail adress : [lokmancolak@endekskimya.com](mailto:lokmancolak@endekskimya.com) , [laboratuar@endekskimya.com](mailto:laboratuar@endekskimya.com)

### 2. HAZARDS IDENTIFICATION

#### Classification of the product;

Flammable Liquids  
Category 2; H225; Highly flammable liquid and vapour.

Specific Target Organ toxicity - single exposure  
Category 3 ; H336; May cause drowsiness or dizziness.

H319 Causes serious eye irritation.

#### Label elements

Pictogram:



GHS02

GHS07

**Signal Word:** DANGER

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**WARNINGS AND PRECAUTIONS:** You must read the operating instructions. Wear gloves while using. Keep away from children. Do not mix with another product or substance. Keep away from food stuffs. In case of poisoning, call the National Poison Information Center (UZEM) phone number 114 or the Emergency Health Services phone number 112.

\*P210 – Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P102 – Keep out of reach of children.

\* P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove the contact lenses from the attached and made-up coles. Keep rubbing.

\*P303 + P361 + P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P240 – Ground/bond container and receiving equipment.

2.3 Other Losses: NO

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	EC No.	CAS No	Content(%)	SEA
				Class, H Phares*
Isopropyl alcohol	200-661-7	67-63-0	≥%35	Flam.Liiq.;H225, Eye Irrit 2; H319, STOT SE 3; H336
ETHYL ALCOHOL	200-578-6	64-17-5	%15-%30	Flam.Liiq.;H225

\*For full text of the H-Phrases indicated by codes see section 16 'Other Information'.

### 4. FIRST AID MEASURES

**General advice** Show this safety data sheet to the doctor in attendance.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel.

Never give anything by mouth to an unconscious person. If symptoms persist or recur, seek medical attention.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

**Skin:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Obtain medical attention.

**Inhalation:** Move to fresh air. If symptoms persist, call a physician.

**Protection of first-aiders** Wear impervious gloves and tightly fitting safety goggles.

Avoid contact with skin and eyes.

### 5. FIRE FIGHTING MEASURES

#### 5.1. Extinguishing media

**Suitable extinguishing media** : carbon dioxide (CO<sub>2</sub>), Alcohol – resistant foam, dry chemical.

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Avoid to discharge extinguishing waters to aquatic environment.

**Unsuitable extinguishing media :** No unsuitable extinguishing media known.

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

### Advice for firefighters

**Precautionary measures fire :** Exposure to fire/heat: keep upwind. Exposure to fire/heat: consider evacuation. Exposure to fire/heat: seal off low-lying areas. Exposure to fire/heat: have neighbourhood close doors and windows.

**Firefighting instructions :** Cool tanks/drums with water spray/remove them into safety. Dilute toxic gases with water spray. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

**Protection during firefighting :** Heat/fire exposure: compressed air/oxygen apparatus

<b>Flammable Properties:</b>	Upper Flammable Limit: N/A
	Lower Flammable Limit: N/A
<b>Explosive Limits:</b>	UEL: N/A                      LEL: N/A

## 6.ACCIDENTAL RELEASE MEASURES

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

#### 6.1.1. For non-emergency personnel

##### Protective equipment :

Gloves. Protective goggles. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus. See "Material-Handling" to select protective clothing.

**Emergency procedures :** Keep upwind. Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises. Stop engines and no smoking. No naked flames or sparks. Spark- and explosion-proof appliances and lighting equipment. Keep containers closed. Wash contaminated clothes.

**6.1.2. For emergency responders Protective equipment :** Equip cleanup crew with proper protection. Do not breathe gas, fumes, vapor or spray.

**Emergency procedures :** Stop leak if safe to do so. Ventilate area. If a major spill occurs, all personnel should be immediately evacuated and the area ventilated.

### 6.2. Environmental precautions Prevent spreading in sewers.

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

For small amounts: Pick up with suitable absorbent material.

For large amounts: Dike spillage. Pump off product.

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Dispose of absorbed material in accordance with regulations.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### 7. HANDLING AND STORAGE

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

**Hazardous ingredients:**

Isopropyl Alcohol (2-Propanol) (67-63-0)		
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	200 ppm
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	400 ppm

#### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Protective mask.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance (color, physical form, shape):** Colorless or WHITE Liquid

**Odor:** characteristic

**Solubility in Water:** Soluble in water.

**Specific Gravity/Density:** 0,9-1,5 (20°C)

**pH (%100):** 6 – 9 (20°C , ±0.2)

**Flash point;** N/D

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*according to (EC) No 96/335/EC & 76/768/EEC***10. STABILITY AND REACTIVITY****10.1. Reactivity**

Stable under normal conditions.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

May react violently with oxidants.

**10.4. Conditions to avoid**Direct sunlight. High temperature. Incompatible materials. Open flame.Sparks.**10.5. Incompatible materials**

Ammonia. Strong acids. Strong oxidizers. Reactive metals (e.g. sodium, calcium, zinc etc.).

**10.6. Hazardous decomposition products**

Carbon dioxide. Carbon monoxide.

**11. TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Hazardous Ingredients:****\*\*Isopropyl Alcohol (2-Propanol) (67-63-0) ;**

Acute dermal toxicity LD50 Rabbit: &gt; 2,000 mg/kg(literature value)

Acute inhalation toxicity LC50 Rat (8 hours): &gt; 20 mg/l (literature value)

Acute oral toxicity LD50 Rat: &gt; 2,000

**\*\*\*Ethanol ( CAS No: 64-17-5)**

Oral	LD50	10470 mg/kg (rat)
Inhalation	LC50	124.7 mg/L/4h (rat)
Dermal	LD50	>15800 mg/kg (rabbit)

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Mobility:** No data available.**Persistence and degradability:** No data available.**Bioaccumulative potential:** No data available.**Other adverse effects:** Negligible ecotoxicity.**Ecology - general :** Classification concerning the environment: not applicable.**Hazardous Ingredients:**

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### **Aquatic toxicity (acute):**

#### **Ethanol ( CAS No: 64-17-5):**

Algae (Chlorella vulgaris): EC50 (3d): 275 mg/l

Rainbow trout (Salmo gairdneri): LC50 (24h): 11200 mg/l

Daphnia magna: EC50 (48h): 12340 mg/l

### 13.DISPOSAL CONSIDERATIONS

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### 14.TRANSPORT INFORMATION

**DOT** UN 1987 ALCOHOLS, NOS , NOS,CLASS 3 , PACKAGING III

**IATA** UN 1987 ALCOHOLS, NOS , NOS,CLASS 3 , PACKAGING III

**IMDG** UN 1987 ALCOHOLS, NOS , NOS,CLASS 3 , PACKAGING III

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Remarks no data available

### 15.REGULATORY INFORMATION

No data available

### 16.OTHER INFORMATION

\*N/A. - Not Applicable \*N/K. - Not Known \*N.D.A.-No Data Available

#### **Risk Phrases**

Flammable Liquids Category 2 ; H225; Highly flammable liquid and vapour.

Serious eye damage/eye irritation Category 2/2A;H319: Causes serious eye irritation

Specific Target Organ toxicity - single exposure Category 3: H336; May cause drowsiness or dizziness

#### **Caution Phrase**

\*P210 – Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

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**DISCLAIMER:** This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.