

MSDS NO: F.304

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 DHD 304
INTENDED USE Concentrate Hand Dishwashing Liquid Detergent
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
PRODUCTION COMPANY;
COMPANY NAME ENDEKS KİMYA A.Ş.
Adnan Kahveci Mah. Davutpaşa Cad. No:17 Beylikdüzü/İSTANBUL
E-posta: info@endekskimya.com, Web : 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 , laboratuar@endekskimya.com

2. HAZARDS IDENTIFICATION

Classification of the product;

Serious eye irritation Category 2; H319: Causes serious eye irritation

Label elements

Pictogram:



GHS07

Signal Word: Warning

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.

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P264 – Wash ... thoroughly after handling.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

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

P337 + P313 – If eye irritation persists: Get medical advice/attention.

2.3 Other Losses: No

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	EC No.	CAS No	Content(%)	SEA
				Class, H Phares*
Ethoxylated sulfates, sodium salts; (Sodium lauryl ether sulfate)	500-234-8	68891-38-3	%5 - %15	Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412
Linear Alkyl Benzene Sulfonic Acid	287-499-3	85536-14-7	%5 - %15	Skin Corr. 1B - H314 Acute Tox. 4 - H302 Eye Dam. 1 - H318
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one	247-500-7 and 220-239-6	55965-84-9	< %0,0015	H301 +H311+H331, Skin Corrosion /Irritation Category 1; H314, Hazardous to aquatic environment Short term/Acute Category 1: H400

*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

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Suitable extinguishing media : carbon dioxide (CO₂),Alcohol – resistant foam, dry chemical,water spray.
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

Flammable Properties: Upper Flammable Limit: N/A

Lower Flammable Limit: N/A

Explosive Limits: UEL: N/A LEL: N/A

6.ACCIDENTAL RELEASE MEASURES

Protective equipment :

Gloves. Protective goggles. Protective clothing.

Environmental Precautions: Solutions of the detergents may be allowed to be flushed down sewer - First check with your local water treatment plant.

Recycling is recommended for undiluted scrap product. Do not landfill.

Steps To Be Taken in Case Material is Released or Spilled: Prevent spills from reaching a waterway. Sorbents may be used. Read "Waste Disposal Method" below for further information.

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

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Recommended Exposure Guidelines: N/A

Engineering Controls: N/A

Personal Protective Equipment (PPE): N/A

Eye/Face Protection: None required with normal household use.

Industrial Setting: For splash protection, use chemical goggles. Eye wash fountain is recommended.

Skin Protection: None required with normal household use.

Industrial Setting: Protective gloves (rubber, neoprene) should be used for prolonged direct contact.

Respiratory Protection: No special precautions for casual exposure.

Ventilation Local Exhaust: None required with normal consumer use. Special: None Industrial

(General): Normal/general dilution ventilation is acceptable. Other: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (color, physical form, shape): Green - Viscous liquid

Odor: characteristic

Solubility in Water: Soluble in water.

Specific Gravity/Density: 1,01-1,04 (20°C)

pH(%100): 6,0-8,0 (20°C , ±0.2)

Viscosity ; 2000-8000 cps (20°C)

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

NO DATA.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

10.5. Incompatible materials

Strong acids. Strong oxidizers.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Hazardous Ingredients:

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Sodium lauryl ether sulfate (CAS; 68891-38-3);

Inhalation Gas or vapour in high concentrations may irritate the respiratory system.

Skin contact Skin irritation should not occur when used as recommended. May cause sensitisation or allergic reactions in sensitive individuals.

Eye contact Irritation of eyes and mucous membranes. Irritation, burning, lachrymation, blurred vision after liquid splash.

12.ECOLOGICAL INFORMATION

Liquid hand dishwashing detergents have a relatively low order of toxicity, may cause transient irritation and are expected to be emetic.

Chronic Effects: No chronic health effects reported.

Target Organs: No target organs reported.

Carcinogenicity: This finished product is not carcinogenic.

Hazardous Ingredients:

LABSA (CAS; 85536-14-7);

Acute toxicity - fish LC₅₀, 96 hours: 5.6 mg/l Cyprinus carpio (Directive 84/449 EEC , C.1) mg/l, Fish

Acute toxicity – aquatic invertebrates : EC₅₀, 48 hours: 5.2 mg/l Daphnia magna (Directive 92/69 EEC) mg/l, Daphnia magna

Acute toxicity – aquatic plants : IC₅₀, 72 hours: 2.7 mg/l Scenedesmus subspicatus (Directive 92/69 EEC) mg/l, Algae

Sodium lauryl ether sulfate (CAS; 68891-38-3);

-Acute toxicity – fish: LC₅₀, 96 hours: LC50>10-≤100 mg Product /l Metod:OECD 203

-Acute toxicity – aquatic invertebrates : EC₅₀, 48 hours: EC50>10-<=100 mg Product /l Metod:OECD 2032 Daphnia magna

-Acute toxicity – aquatic plants : IC₅₀, 72 hours: EC50>10-<=100mg Product /l Metod:OECD 201/DIN 38412,parte 9 mg/l, Algae

13.DISPOSAL CONSIDERATIONS

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

General information The packaging must be empty (drop-free when inverted). Do not puncture or incinerate, even when empty. Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Environmental Manager must be informed of all major spillages. Please recycle empty packaging.

14.TRANSPORT INFORMATION

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ADR / RID

UN no: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO

UN no: Not Classified.

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

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

Skin Irritation Category 2;H315; Causes skin irritation

Serious eye damage/eye irritation. Category 1;H318: Causes serious eye damage.

Skin Corrosion /Irritation Category 1; H314: Causes severe skin burns and eye damage.

Hazardous to aquatic environment Long term/ Chronic Category 3; H412; Harmful to aquatic life with long lasting effects

H302 – Harmful if swallowed.

Hazardous to aquatic environment Short term /Acute Category 1;H400; Very toxic to aquatic life

H301: Toxic if swallowed

H311: Toxic in contact with skin

H331: Toxic if inhaled

Caution Phrase

P264 – Wash ... thoroughly after handling.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

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

P337 + P313 – If eye irritation persists: Get medical advice/attention.

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.