

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

PRODUCT NAME LAUNDRY LC 408

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**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 Yazıcıe- mail adress : lokmancolak@endekskimya.com , laboratuar@endekskimya.com**2. HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

H319 Causes serious eye irritation.

2.2. Label elements

Label elements (CLP):

Hazard pictogram:

Signal word: Danger

Hazard statement:

H319 Causes serious eye irritation.

Precautionary statement:

P102 – Keep out of reach of children.

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.

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.

2.3. Other hazards

None if used properly.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous substances	EINECS	CAS No	(%)	Classification
enzyme	-	9014-01-1	<%5	H318 , H334, H335 , H317
TEA-dodecyl benzene sulfonate	-	27323-41-7	%5-%15	H302,H318
Boric Acid	233-139-2	10043-35-3	<%5 (±2)	-

For full text of the (H)Phrases indicated by codes see section 16 'Other Information'.

Specific Concentration Boundary Value for Boric Acid;

Rep. 1B; H360FD: C ≥ 5,5%,

% 3 & It; 5.5%.

4. FIRST AID MEASURES

4.1. Description of first aid measures

General information Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

Inhalation

Remove to open air. If breathing is irregular, seek medical advice.

Skin contact

It is important to remove the substance from the skin immediately. Take off immediately all contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention. Chemical burns must be treated by a physician.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.

Ingestion:

Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

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

No information available.

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

No specific treatment was offered. Treat according to symptoms.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

If large amounts are released contact the fire service.

Avoid contact with skin and eyes.

Danger of slipping on spilled product.

Ensure adequate ventilation.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up

Remove mechanically. Rinse away residue with plenty of water.

6.4. Reference to other sections

See advice in section 8

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Handling: Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice.

Refer to section 8 of SDS for personal protection details.

Conditions for safe storage, including any incompatibilities

Store dry at between +5 and +40°C.

Consider national regulations.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Recommended Exposure Guidelines: N/A

Engineering Controls: N/A

Personal Protective Equipment (PPE): N/A

Eye/Face Protection: For splash protection, use chemical goggles. Eye wash fountain is recommended.

Skin Protection: 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

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture.

Appearance; colorless clear liquid

Odor ; characteristic

Ph ; (20 °C,%100) : 7-9

Flash point > 100 ° C

Initial boiling point ; Not applicable

Decomposition temperature; Not applicable

Vapour pressure ; Not applicable

Density ; (20 °C (68 °F)) 1,0-1,05 gr/cm³

Bulk density Not applicable

Viscosity Not applicable

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

None if used for intended purpose.

10.2. Chemical stability

Stable under normal conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Keep away from direct sunlight and heat and ACIDS AND BASES.

10.5. Incompatible materials

ACIDS AND BASES

10.6. Hazardous decomposition products

Carbon monoxide (CO), Carbon dioxide (CO₂)

SECTION 11: TOXICOLOGICAL INFORMATION**Enzyme;**

Name	Acute Oral toxicity
Protease (aep)	LD50: 1800 mg/kgbw (OECD TG 401)

BREATHING

In intense conditions, vapors may irritate the throat and respiratory system and cause coughing.

INGESTION: No data.

SKIN CONTACT

Liquid may irritate the skin.

EYE CONTACT

Exposure to spray or vapor may cause serious eye damage.

12.ECOLOGICAL INFORMATION**12.1 TOXICITY:**

No Data.

12.2 Persistence and degradability

No Data.

12.3. Bioaccumulative potential

Undetermined.

12.4 Mobility in Soil

No Data.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

12.6. Other adverse effects

Other adverse effects of this product for the environment are not known to us.

13.DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

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

SECTION 14: TRANSPORT INFORMATION

14.1 UN number : Not applicable

14.2 UN proper shipping name: Not applicable

14.3 Transport hazard class(es): N/D

14.4 Packing group :N/D

14.5 Environmentally hazardous substance/marine pollutant ; No.

14.6 Special precautions for user

Avoid breathing, skin and eye contact.

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15.REGULATORY INFORMATION

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance)

SECTION 16: OTHER INFORMATION

The labelling of the product is indicated in Section 2. The full text

of all abbreviations indicated by codes in this safety data sheet are as follows:

H318 – Causes serious eye damage.

H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 – May cause respiratory irritation

H317 – May cause an allergic skin reaction.

H302 – Harmful if swallowed.

P102 – Keep out of reach of children.

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.

Further information:

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.