

MSDS NO: F.406

PRINTING DATE: 02.02.2018

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 LAUNDRY LC 406
INTENDED USE Alkali Washing Booster
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

Most important hazards;

H314 – Causes severe skin burns and eye damage.

Full text of H statements : see section 16



GHS05

Signal Word: DANGER

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.

Other Hazards; H335 – May cause respiratory irritation.

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P260 – Do not breathe dust/fume/gas/mist/vapours/spray.

P264 – Wash ... thoroughly after handling.

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

P301 + P330 + P331 – IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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.

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

P405 – Store locked up.

P501 – Dispose of contents/container to ...

P309 + P311 – IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

2.3 Other Losses: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	EC No.	CAS No	Content(%)	SEA
				Class, H Phares*
Sodyum hidroksit	215-185-5	1310-73-2	15-30	Cilt Aşındırıcı 1A; H314
Benzenesulfonic acid, sodyum tuzu	270-115-0	68411-30-3	< 10	Akut toksisite 4; Ağız H302 Deriyi tahriş 2 H315 Ciddi göz hasarı 1 H318 Sulu ortam üzerindeki kronik tehlikeleri 3 H412
Disodyum Disilikat	237-623-4	13870-28-5	< 10	Deriyi tahriş 2 H315 Ciddi göz hasarı 1 H318 Spesifik Hedef Organ Toksikitesi- bir Defalık Maruz Kalma 3; Solunma H335
Sodyum Karbonat	207-838-8	497-19-8	10 – 30	Ciddi göz tahrişi 2 H319

*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 try to vomit.

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.

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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

Flammable Properties: Upper Flammable Limit: N/A

Lower Flammable Limit: N/A

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

Auto-ignition Temperature: N/A

Hazardous Combustion Products: N/A

Explosion Data (Sensitivity to Mechanical Impact): N/A

Explosion Data (Sensitivity to Static Discharge): N/A

Suitable extinguishing media: carbon dioxide (CO₂), foam, dry chemical.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Refer to section 8 of SDS for personal protection details.

Avoid contact with skin and eyes. Wear impervious gloves and tightly fitting safety goggles.

Environmental precautions Do not flush into surface water or sanitary sewer system.

Methods for cleaning up Dam up. Neutralize with limestone powder, lime, soda ash. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

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

Storage: Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Do not damage to the label.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection: Avoid contact with eyes. Safety glasses recommended in those cases where handling the undiluted product involves a risk of splashing.

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Hand protection: In normal use hand protection is not required. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Material of gloves: nitrile rubber, NBR.

Skin and body protection: No special requirements under normal use conditions.

Respiratory protection: Personal protection is not normally required. However, inhalation of dust, vapour or aerosol should be avoided.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (color, physical form, shape): Powder –white

Odor: characteristic

Solubility in Water: Complete

PH %1 ; ~ 12-14(20°C , ±0.2)

10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Keep away from oxidizing agents and strong acids and bases, from heat.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Toxicological information: When used and handled according to instructions, the product is unlikely to have any harmful effects.

Hazardous Ingredients: n/d

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Aquatic toxicity: N.D.A.

Behaviour in environmental systems: Not determined

Ecotoxicological effects: Not determined

Behaviour in sewage processing plants: Not determined

Other adverse effects: No further relevant information available.

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*according to (EC) No 96/335/EC & 76/768/EEC***sodium hydroxide:**

Acute toxicity ,Fish

LC50 : 125 mg/l (Gambusia affinis; 96 h)

LC50 : 145 mg/l (Poecilia reticulata; 24 h)

Toxicity to daphnia and other aquatic invertebrates:

EC 50 : 76 mg/l (Daphnia magna; 24 h)

Bacteria ; EC50 : 22 mg/l (Photobacterium phosphoreum; 15 min)

13.DISPOSAL CONSIDERATIONS

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

14.TRANSPORT INFORMATION

14.1 UN number : 1823

14.2 UN proper shipping name: UN 1823 SODIUM HYDROXIDE, SOLID | 8, II, (E)

14.3 Transport hazard class(es): 8

14.4 Packing group : II

14.5 Environmental hazards : N/A

14.6 Special precautions for user N/A

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:Not applicable.

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

Skin Corrosion Category 1B; H314: Causes severe skin burns and eye damage

Corrosive to metal Category 1;H290; May be corrosive to metal

Acute Toxicity Oral Category 4;H302; Harmful if swallowed

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

Skin Corrosion /Irritation Category 2;H315 ; Causes skin irritation.

Caution Phrase

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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.