

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

PRODUCT NAME LAUNDRY LD 404  
INTENDED USE Cleaning Products  
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****2.1. Classification of the substance or mixture**

H319 Causes serious eye irritation.  
H315 – Causes skin irritation.  
H302 – Harmful if swallowed.

**2.2. Label elements**

Label elements (CLP):

**Hazard pictogram:**



Signal word: Warning

**Hazard statement:**

H319 Causes serious eye irritation.

H315 – Causes skin irritation.

H302 – Harmful if swallowed.

Precautionary statement:

P102 – Keep out of reach of children.

P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303 + P361 + P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P264 – Wash ... thoroughly after handling.

### 2.3. Other hazards

None if used properly.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous substances	EINECS	CAS No	(%)	Classification
Sodium hydroxide	215-185-5	1310-73-2	15-30	H314
Sodium alkylbenzene sulfonate	270-115-0	68411-30-3	< 10	H302 H315 H318 H412
Disodium Disilicate	237-623-4	13870-28-5	< 10	H315 H318 H335
Sodium Carbonate	207-838-8	497-19-8	15 – 35	H319

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

## 4. FIRST AID MEASURES

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

Skin Contact:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Cold water may be used. Wash clothing before reuse. Thoroughly clean Shoes before reuse. Get medical attention immediately.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Get medical attention immediately.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. **WARNING:** It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

## SECTION 5: FIREFIGHTING MEASURES

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: OPEN CUP: Not available.

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

p. 3

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: As with most organic solids, fire is possible at elevated temperatures

Special Remarks on Explosion Hazards:

Fine dust dispersed in air in sufficient concentrations, and in the presences of an ignition source is a potential dust explosion hazard.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill: Corrosive solid. Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal.

#### 6.4. Reference to other sections

See advice in section 8

### SECTION 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.

#### 7.1. Precautions for safe handling

No special measures required if used properly.

Hygiene measures:

Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.

Protective equipment only required in case of industrial use or for large packs (not for household packs)

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

Store dry at between +5 and +40°C.

Consider national regulations.

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

fabric finisher

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

##### Engineering measures to reduce exposure:

Should be sufficient to reduce exposures below the workplace Standards for mineral oil components established by the national Regulations to the lowest level achievable. Where significant aerosol or vapor is generated and cannot be eliminated through engineering modifications, local / general exhaust ventilation should be installed to reduce airborne concentrations.

##### Personal Protective Equipment

###### Respiratory Protection :

Respiratory protection should be used in accordance with company and applicable national regulatory requirements.

Respiratory protection should be used to supplement the engineering controls and work practices.

Persons should not be assigned to tasks requiring the use of respirators unless it has been determined they are physically able to perform the work and are trained to use the equipment.

###### Hand Protection :

Suitable protective clothing should be in accordance with national, or regional standards and regulations.

**Eye Protection :**

Where there is a possibility that splashing may occur. goggles or a face shield should be worn to avoid eye contact.

**Skin Protection :**

Repeated or prolonged skin contact should be avoided to prevent drying, cracking, irritation, dermatitis or more serious skin problems.

If such contact is likely, impervious gloves or other protective clothing should be worn to avoid skin contact.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

**Appearance;** White Powder

**Odor ;** characteristic

**pH (20 °C (68 °F); Conc.: 1 % product; Solvent: Water)**10.0-12.5

**Initial boiling point ;** Not applicable

**Decomposition temperature;** Not applicable

**Vapour pressure ;** Not applicable

**Density ;** Not applicable

**Bulk density** Not applicable

**SECTION 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**

No Data

**10.6. Hazardous decomposition products**

Carbon monoxide. Carbon dioxide.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on Toxicological Effects:****Sodium Carbonate;**

Acute oral toxicity

- LD50, rat, > 2,000 mg/kg

Acute inhalation toxicity

- LC50, 2 h, rat, 2.3 mg/l

Acute dermal irritation/corrosion

- LD50, rabbit, 2,000 mg/kg

Skin irritation

- rabbit, No skin irritation

Eye irritation

- rabbit, irritant effects

11.2 Chronic toxicity/ Carcinogenic Designation:

Chronic toxicity

- Inhalation, rat, Target Organs: Lungs, NOEL: 0.07 mg/l, observed effect

Genetic toxicity in vitro

Remarks: no observed effect

Teratogenicity

- Oral route (gavage), 10 days, various species, NOAEL teratog. : 179 mg/kg, Did not show teratogenic effects in animal experiments.

Remarks

- Irritating to eyes.

11.2 Information Corrosion:

H319 Causes serious eye irritation.

H315 – Causes skin irritation.

## 12.ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

No Information Available

12.2 Persistence and Degradability:

No Information Available

12.3 Bioaccumulative Potential:

No Information Available

12.4 Mobility In soil:

No Information Available

12.5 Results of PBT And vPvB Assessment:

No Information Available

12.6 Other adverse Effects:

No Information Available

## 13.DISPOSAL CONSIDERATIONS

### **13.1. Waste treatment methods**

Product disposal:

Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:

Only completely empty containers are to be disposed of as recoverable materials.

## SECTION 14: TRANSPORT INFORMATION

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.1 UN number :N/D

14.2 UN proper shipping name: N/D

14.3 Transport hazard class(es): -

14.4 Packing group : -

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

#### 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.

H315 – Causes skin irritation.

H335 – May cause respiratory irritation.

H302 – Harmful if swallowed.

H319 – Causes serious eye irritation.

H314 – Causes severe skin burns and eye damage.

Precautionary statement:

P102 – Keep out of reach of children.

P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

P264 – Wash ... thoroughly after handling.

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.