

MSDS NO: F.129

PRINTING DATE:19.12.2017

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 BUILD WC 129
INTENDED USE Toilet 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 Yazıcı

e- mail adress : lokmancolak@endekskimya.com , laboratuar@endekskimya.com

2. HAZARDS IDENTIFICATION

Most important hazards;

Skin Corrosion Category 1B; 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.

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

P264; After handling, wash your hands thoroughly with water.

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.

P363 – Wash contaminated clothing before reuse.

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 the contact lenses from the attached and made-up coles. Keep rubbing.

*P405 – Store locked up.

P501 Dispose of contents / container in accordance with national regulations.

2.3 Other Losses: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	EC No.	CAS No	Content(%)	SEA
				Class, H Phares*
Hydrochloric acid	231-595-7	7647-01-0	%30-%40	Skin Corr. 1B, H314, Specific Target Organ toxicity - single exposure Category 3; H335
Alcohols, C12-14, ethoxylated	-	68439-50-9	%5-%15	Eye Dam. 1, H318,H412
Dye; CI ; 17200				

**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.

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

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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

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

Precautions: Keep locked up.. Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, organic materials, metals, alkalis, moisture. May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component: Hydrochloric Acid Mixture

Occupational Exposure Limits:

Regulatory Limits:

OSHA Final PEL Ceiling; 5 ppm ----- 7.59 mg/m³

ACGIH TLV = 5 ppm (7.59 mg/m³) TWA

NIOSH IDLH = 50 ppm (as HCl, 2010)

Eye Protection: Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Other Protection: Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Ventilation Recommended: Exhaust ventilation is required to meet PEL limits.

Glove Type Recommended: Wear neoprene, nitrile, butyl rubber or PVC gloves to prevent exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (color, physical form, shape): RED LIQUID

Odor: characteristic

Solubility in Water: Complete

Specific Gravity/Density: 1,05-1,2(20°C)

Ph(%1); ~ 1,0-2,0 (20°C , ±0.2)

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10. STABILITY AND REACTIVITY

10.1. Reactivity

Violent exothermic reaction with (some) bases.

10.2. Chemical stability

Stable under normal conditions

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers. Metals.

10.6. Hazardous decomposition products

Hydrogen chloride, chlorine, hydrogen gas. Carbon monoxide. Carbon dioxide.

Thermal decomposition generates : Corrosive vapors

11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients:

Hydrochloric acid (CAS# 7647-01-0)

Rat - Inhalation LC50: 3124 ppm, (1 hour)

Rabbit - Dermal LD50: 5010 mg/kg

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

12. ECOLOGICAL INFORMATION

Ecotoxicity: Because of the low pH of this product, it would be expected produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

Hydrochloric acid (CAS# 7647-01-0):

Acute Toxicity:

Acute Fish Toxicity (LC50 96 h): 0.282 mg / l

Acute Daphnia Toxicity (EC50 48 Hours): No information

Acute Algae Toxicity (IC50 72 Hours): No information

Persistence and degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in soil: Hydrochloric acid will be neutralized by naturally occurring alkalinity. The acid will permeate soil, dissolving some soil material and will then neutralize.

Other adverse effects: No data available.

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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 : 1789

14.2 UN proper shipping name: UN1789, Hydrochloric Acid

14.3 Transport hazard class(es): 8

Labeling: Corrosive

14.4 Packing group : III

14.5 Environmental hazards : No data available

14.6 Special precautions for user

Avoid breathing, skin and eye contact.

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

Acute Tok.4:H302: Harmful if swallowed.

Risk Phrases

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

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

Specific Target Organ toxicity - single exposure Category 3; H335; May cause respiratory irritation

H412; Harmful to aquatic life with long lasting effects

Caution Phrase

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

P264; After handling, wash your hands thoroughly with water.

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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.