

DRAIN OPENER

Safety Data Sheet

Prepared in accordance with European Union Directive 91/155/EC and the "Regulation on Registration, Evaluation,

Preparation Date : 15.11.2025

MSDS No : GBF-MR-004

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

1.1. Product Identifier

Product Name : LIQUID DRAIN OPENER

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified Uses : Used for cleaning clogged sinks and other drains.

Uses Advised Against : Avoid direct contact with skin and eyes.

1.3. Details of the supplier of the safety data sheet

Manufacturer : UTB Bilgi Teknolojileri Lojistik Danışmanlık İç ve Dış Tic. Ltd. Şti
Address : Akabe Mh. Saçlıkasap Cd. No: 157/2A Kat: 5 No: 507 Karatay/KONYA
Telephone : +90 542 541 24 05
Website : www.utbtrade.com
E-mail : info@utbtrade.com

1.4. Emergency telephone number

Emergency :112

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

UZEM (National Poison Advisory Center)

:114

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture (According to 1272/2008/EC)

- Skin Corr. 1A; H314: Causes severe skin burns and eye damage (C_≥5%).

2.2. Label elements

Signal Word : DANGER

Hazard Statements :

H314: Causes severe skin burns and eye damage.

Precautionary Statements :

P102: Keep out of reach of children.

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

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

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

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

P310: Immediately call a POISON CENTER or doctor/physician

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2.3. Other Damages:

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Ingredients

Substance Name	CAS No / EC No	%	Classification (SEA)
Sodium Hydroxide	(CAS No) 1310-73-2 (EC No) 215-185-5	100,0	Skin Corr. 1A, H314 (C≥5\%)

4. FIRST AID MEASURES

4.1. Definitions of precautions

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General Precaution : Seek medical attention if any doubt arises or symptoms persist. Never give anything by mouth to an unconscious person. There is no specific antidote. In case of an emergency, show this safety data sheet to the doctor.

Inhalation : Remove to fresh air. If feeling unwell, seek medical advice.

Skin Contact : Rinse skin with water/shower. Remove all contaminated clothing immediately. Call a doctor immediately.

Eye Contact : Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a doctor immediately.

Ingestion : Rinse mouth. Drink 1 glass of water. Do NOT induce vomiting. Call a POISON CENTER or doctor immediately.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

After Inhalation : Not applicable.

After Skin Contact : Causes severe and permanent damage.

After Eye Contact : Causes severe burns.

After Ingestion : Burns.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Treat symptomatically.

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5. FIRE FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media : Water spray. Dry powder. Foam.

Unsuitable Extinguishing Media : -

5.2. Special Hazards Arising from the Substance or Mixture

Fire Hazard : Non-flammable.

Explosion Hazard : Non-explosive.

Hazardous Decomposition Products in Case of Fire : Toxic fumes may be released.

5.3. Advice for Firefighters

-Do not attempt to intervene without suitable protective equipment.

-Self-contained breathing apparatus (SCBA).

-Complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

For Non-emergency Personnel

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Protective Equipment

: Use personal protective equipment. Keep unprotected persons away from the area. Avoid contact with skin and eyes. Be aware of slippery floors and surfaces in case of spillage.

Emergency Plans

: Ventilate the spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

For Emergency Responders

Protective Equipment

: Do not attempt to intervene without suitable protective equipment. For further information, refer to Section 8: "Exposure controls/personal protection"

6.2 Environmental Precautions

- Keep people and animals away from the area.
- Do not walk through the contaminated area.
- Use protective clothing and equipment (goggles, mask, gloves, boots).
- Clean the contaminated area immediately.
- Do not allow to enter water sources or sewage systems.
- Collect waste in an empty container, identify it, and dispose of it according to Waste Management regulations.

6.3 Methods and Material for Containment and Cleaning Up

Cleaning Procedures

: Recover the product mechanically. Notify authorities if the product enters sewers or public waters.

Other Information

: Dispose of materials or solid residues at an authorized facility.

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6.4 Reference to Other Sections

For further information, see Section 13.

7. HANDLING AND STORAGE

To ensure health, safety, and environmental protection, organizational measures should be taken and work procedures at the workplace should be planned in accordance with the "Regulation on Health and Safety Precautions in Working with Chemicals" (Official Gazette dated 26.12.2003 and numbered 25328).

7.1. Precautions for Safe Handling

Precautions for Safe Handling :

- Provide good ventilation in the work area.
- Avoid contact with skin and eyes.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Use personal protective equipment.

Hygiene Measures :

- Do not eat, drink, or smoke when using this product.
- Always wash your hands after handling the product

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures : Store under lock and key.

Storage Conditions : Keep in a dry and cool place.

Materials to Avoid : Keep away from foodstuffs.

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Suitable Packaging Material : Plastic

Unsuitable Packaging Material : No data available

7.3. Specific End Use

No supplementary information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure Controls

Occupational Exposure Limits

TLV-Ceiling : 2 mg/m³

STEL : 10 min 2 mg/m³ (United Kingdom)

PEL : 2 mg/m³

8.2 Exposure Controls

Appropriate Engineering Controls : Provide good ventilation in the work area. Emergency eye wash fountains and safety showers must be available in the relevant area for any potential exposure.

Hand Protection : Handle with gloves. Gloves must be tested before use. Handle completely with gloves to avoid skin contact with this substance. Dispose of contaminated gloves after use in accordance with legal regulations. Wash and dry your hands. Selected protective gloves must comply with EU Directives 89/686/EEC and EN 374 standards.

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

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Skin and Body Protection : Wear protective clothing that provides full protection against chemicals. Selection of protective equipment must be made specifically based on the amount and concentration of the hazardous substance in the workplace.

Respiratory Protection : In case of insufficient ventilation, wear suitable respiratory equipment. Recommended filter type: A. Standard EN 14387 - Respiratory protective devices - Gas filters combined filters - EN 136.

Exposure Limit Values : No data available.

Environmental Exposure Controls : Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State : Liquid
- Appearance : Yellowish-Transparent
- Odour : Characteristic
- pH (1% Sol.) : >14,0
- Melting Point : 323 ° C
- Boiling Point : 1.390 °C
- Density : 1,13 kg/lit (20 °C)
- Çözünürlük : Soluble in water.

10. STABILITY AND REACTIVITY

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10.1. Reactivity

The product is non-reactive under normal conditions of use, storage, and transport.

10.2. Chemical Stability

Stable under normal conditions of storage and use.

10.3. Possibility of Hazardous Reactions

No known hazardous reactions under normal conditions of storage and use.

10.4. Conditions to Avoid

None known under normal conditions of storage and use. Avoid prolonged exposure to heat.

10.5. Incompatible Materials

None known under normal conditions of use.

10.6. Hazardous Decomposition Products

In case of fire, refer to Section 5

11. TOXICOLOGICAL INFORMATION

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11.1. Information on Toxicological Effects

General: Product-related data

Acute Toxicity : Harmful if swallowed

Substances	Endpoint	Value (mg/kg)	Type	Method	Exposure Duration
Sodium Hydroxide,%48	LD 50	5000	Oral	(OECD Guide-line 401)	Single Dose

Skin Corrosion/Irritation : Causes severe skin burns and eye damage.

Serious Eye Damage/Irritation : Serious eye damage, Category 1, internal

11.2. Other Information

Handle in accordance with industrial hygiene and safety rules.

12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity

Acute Toxicity

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LC 50, 48 hours, 100 ppm

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12.2. Persistence and Degradability

No supplementary information available.

12.3. Bioaccumulative Potential

The product contains no substances expected to be bioaccumulative.

12.4. Mobility in Soil

The product is miscible with water. May spread in the aquatic environment.

12.5. Results of PBT and vPvB Assessment

No supplementary information available.

12.6. Other Adverse Effects

No supplementary information available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Regional Regulations (Waste): Dispose of safely in accordance with national waste legislation

Waste Treatment Methods : Dispose of by controlled incineration or burial in licensed waste disposal facilities

Additional Information : Leave the product in its original containers. Do not mix with other wastes. Dispose of the product according to official regulations.

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Uncleaned Packaging :

Recommendation : Packaging can be cleaned with water.

14. TRANSPORT INFORMATION

ADR	IMDG	IATA	ADN	RID
14.1. UN Number				
1824	1824	1824	1824	1824
14.2. Proper Shipping Name				
SODIUM HYDROXIDE, Liquid	SODIUM HYDROXIDE, Liquid	SODIUM HYDROXIDE, Liquid	SODIUM HYDROXIDE, Liquid	SODIUM HYDROXIDE, Liquid
Transport Hazard Class				
3, II, (E)	3, II, (E)	3, II, (E)	3, II, (E)	3, II, (E)
14.3. Packing Group				

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14.4. Environmental Hazards				
No	No	No	No	No

15. REFERANCES

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP, EC GHS)
- ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities.

<http://esis.jrc.ec.europa.eu>

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

16. OTHER INFORMATION

Abbreviations and Acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
SDS	Safety Data Sheet

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EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
PBT	Persistent, Bioaccumulative and Toxic
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
CLP (SEA)	Regulation on Classification, Labelling and Packaging of Substances and Mixtures; 11.12.2013 - 28848 (Repeated)
vPvB	Very Persistent and Very Bioaccumulative

Preparation Information:

Mümin SEMERCİ

(Chemical Engineer)

Certificate No: NBC04.59.06

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