

MSDS in accordance with 91/155/EC

1. Identification of the substance/preparation and company

Trade Name : Sodium Hydroxide

Application Area : -

Identification of the company :

Name : UNITED KİMYA SANAYİ VE DİS TICARET LTD STİ

Address: Pendik, Dolayoba San. Sitesi B/10, İSTANBUL, TURKEY

Phone : +90 216 2510881

e-mail : info@united.biz.tr

emergency phone : +90 216 2510881

2. Composition/Information on ingredients

Chemical Name	Ec No	Cas No	Weight	Classification
Sodium Hydroxide	215-185-5	1310-73-2	100%	R35

3. Hazards Identification



C - Corrosive

R35- causes severe burns

4. First aid measures

Ingestion: May be harmful if swallowed. Causes skin burns. In that case, rinse the mouth and spit the fluids out by drinking a glass of water slowly. Do not induce vomiting.

Eye Contact: Harmful. In that case, flush eyes with water and seek medical advice.

Skin Contact: Harmful. In that case, remove contaminated clothing, rinse exposed skin with plenty of water and seek medical advice.

Inhalation: None.

5. Fire-fighting measures

Flammability of the Product : Non-flammable.

Auto-Ignition Temperature : Not applicable.

Flash Points : Not applicable.

Flammable Limits : Not applicable.

Products of Combustion : Not applicable.

Fire Hazards in Presence of Various Substances : None.

Explosion Hazards in Presence of Various Substances : None.

Fire Fighting Media and Instructions : Use CO₂, water or dry chemical.

6. Accidental release measures

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

MSDS in accordance with 91/155/EC

7. Handling and storage

Precautions: Keep locked up. Avoid contact with eyes and skin. **Storage:** Keep container in a cool, dry and well ventilated area. **Storage stability :** Shelf-life is 3 years.

8. Exposure controls / personal protection

Engineering Controls: None required. General room ventilation is adequate.

Personal Protection: None required.

9. Physical and chemical properties

Physical form : Solid, in flake.

Colour : White.

Odour : Odorless.

Density : 2,12–2,13

Boiling Point : n/a

Freezing Point: n/a

Flammability : Not flammable

pH : 14.0.

Solubility : Soluble in water.

10. Stability and reactivity

Reactivity: : Corrosive to metals

Chemical stability : Stable under normal conditions.

Possible Hazardous Reactions/Conditions : The product reacts with acids, chlorine, phosphorus, hydrogen peroxide.

Conditions to Avoid : Incombustible materials, excess heat.

Materials to Avoid : Aluminum, brass, copper, strong acids.

Hazardous Decomposition Products : None known.

11. Toxicological information

Acute Effects: Ingestion: Maybe fatal if swallowed. May cause severe and permanent damage to the digestive tract. Skin Contact: Causes severe irritation or burns. May be harmful if absorbed through the skin. Irritative to eyes. Eye Contact: Causes severe eye irritation or burns. May cause corneal damage or chemical conjunctivitis. Inhalation: Harmful if inhaled.

Chronic Effects: No data available.

LD 50 & LC50: Not available.

Other Toxic Effects: None known.

12. Ecological information

Biodegradability: Readily biodegradable.

13. Disposal considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

MSDS in accordance with 91/155/EC

14. Transportation Data

- **UN Number** : UN1824
- **Proper Shipping Name:** Sodiumhydroxide Solution
- **ADR/RID** : Class 8 Corrosive; Labelling No: 8; Packing Group: 2
- **ICAO/IATA** : Class 8 Corrosive; Labelling No: 8 ; Packing Group: 2
- **IMDG/GGV** : Class 8 8 Corrosive; Labelling No: 8; Packing Group: 2; Marine Pollutant: No.

15. Regulatory information

- **Classification according to EC rules:** Hazardous substance.
- **Labelling in accordance with EC Directives:**



C - Corrosive

- **R Phrases** : R35- causes severe burns,
- **S Phrases** : S24/25 Avoid contact with skin and eyes, S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise, S27 Take off immediatly all contaminated clothing S28 After contact with skin, wash immediately with plenty of water. S30 Never add water to this product S36 Wear suitable protective clothing, S37 Wear suitable gloves, S39 Wear eye/face protection, S45 In case of accident or if you feel unwell, seek medical advise immediately (show the label whenever possible)
- **Dangerous Component:** Sodiumhydroxide.

16. Other information

The data is based on our current level of knowledge, and are intended to describe the product with regard to the requirements of safety. This given data should not be taken to imply any guarantee of a particular or general specifications. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm that may be caused by the use of this information. In all cases, our general conditions of sale is applied.