

**1. Identification of the substance/preparation and of the company/undertaking***Identification of the product*

Sodium Hydroxide

*Manufacturer/supplier identification*

Company: Guangdong Guanghua Sci-Tech Co.,Ltd

Address: No.295 Daxue Road,Shantou

PostCode:515000

E-mail: [export@ghotech.com](mailto:export@ghotech.com)

Emergency telephone No.: +86-754-82515813.

Fax No.: +86-754-88221999

**2. Hazards identification****Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Skin corrosion (Category 1A)

Serious eye damage (Category 1)

**Label elements**

Pictogram



Signal word Danger

## Hazard statement(s)

H314 Causes severe skin burns and eye damage

## Precautionary statement(s)

P260

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

P264 + P265

Wash hands thoroughly after handling. Do not touch eyes.

P280

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P301 + P330 + P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302 + P361 + P354 + P316

IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Get emergency medical help immediately.

P304 + P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P354 + P338+ P317

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.

P321

Specific treatment (see on this label).

P363

Wash contaminated clothing before reuse.

P405

Store locked up.

P501

Dispose of contents/ container to an approved waste disposal plant.

## Supplemental Hazard Statements

none

**3. Composition/information on ingredients**

*Synonyms*

Sodium Hydroxide

CAS-No.: 1310-73-2

*M*: 40.00 g/mol

Molecular formula: NaOH

**4. First aid measures****If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**5. Fire-fighting measures****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**6. Accidental release measures****Personal precautions**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**7. Handling and storage****Precautions for safe handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**Conditions for safe storage**

Keep container tightly closed in a dry and well-ventilated place.

**8. Exposure controls and personal protection****Appropriate engineering controls**

General industrial hygiene practice.

**Personal protective equipment****Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

# **GHTECH** **Material Safety Data Sheet**

---

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without

**Acute toxicity**

no data available

**Skin corrosion or irritation**

Skin - rabbit

Result: Causes severe burns. - 24 h

**Serious eye damage or eye irritation**

Eyes - rabbit

Result: Corrosive - 24 h

**Respiratory or skin sensitization**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**12. Ecological information****Toxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**PBT and vPvB assessment**

no data available

**Other adverse effects**

no data available

**13. Disposal considerations****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Dispose of as unused product.

**14. Transport information****ADR/RID**

UN-Number: 1823 Class: 8 Packing group: II

Proper shipping name: SODIUM HYDROXIDE, SOLID

**IMDG**

# **GHTECH** Material Safety Data Sheet

---

UN-Number: 1823 Class: 8 Packing group: II  
Proper shipping name: SODIUM HYDROXIDE, SOLID  
Marine pollutant: no

## **IATA**

UN-Number: 1823 Class: 8 Packing group: II  
Proper shipping name: Sodium hydroxide, solid

### **15. Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### **16. Other information**

General update.

*Regional representation:*

This information is given on the authorised Safety Data Sheet for your country.