

# SAFETY DATA SHEET

## SODIUM HYDROXIDE SOLUTION, 1N

### SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

**BioShop Canada Inc.**  
**5480 Mainway**  
**Burlington, Ontario L7L 6A4**  
**1-800-234-1179**  
**Emergency Telephone No.: 1-905-466-3832**  
**Chemical Name:** Sodium hydroxide solution, 1N  
**Catalog Number:** SHY888

### SECTION 2 HAZARDS IDENTIFICATION

**GHS Classification:**  
Skin corrosion (Category 1B)  
Serious eye damage (Category 1)

**Pictogram:**



**Signal word:** Danger

**Hazard statement:**  
H314 causes severe skin burns and eye damage

**Precautionary statements:**  
P260 Do not breathe dust or mist  
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: remove immediately all contaminated clothing. Rinse skin with water.

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.

**Eyes:** causes irritation..  
**Skin:** causes irritation.  
**Inhalation.** May cause irritation to respiratory tract.  
**Ingestion:** causes irritation to GI tract if swallowed in large amounts. May be harmful if swallowed.  
**CHRONIC HEALTH HAZARDS:** none known.

### SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
Sodium Hydroxide	1310-73-2	4%
Water	7732-18-5	96%

**Molecular Formula:** N/A  
**Molecular Weight:** N/A

### SECTION 4 FIRST AID MEASURES

**Eyes:** Flush eyes with water . If irritation persists get medical aid immediately.  
**Skin:** In case of contact, flush area immediately with water. Get medical aid if irritation persists.  
**Inhalation:** Remove victim to fresh air. Get medical aid if irritation, coughing persists.  
**Ingestion:** Wash mouth with water. DO NOT INDUCE VOMITING. Get medical aid if any symptoms appear.

### SECTION 5 FIRE FIGHTING MEASURES

**Flammable:** No  
**Flash Point:** N/A  
**Autoignition Temperature:** N/A  
**Extinguishing Media:** Use water spray, foam, dry chemical or carbon dioxide.  
**Explosion Data:** Not available

### SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate the area. Wear appropriate protective equipment. Sweep and place in a closed container.

### SECTION 7 HANDLING AND STORAGE

**Handling:** Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.  
**Storage Conditions:** Room temperature.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:  
ACGIH, NIOSH, OSHA, none listed  
Use adequate ventilation. Avoid dust generation..  
Wear appropriate protective equipment to prevent eye and skin exposure.  
Wear appropriate respirator to prevent lung irritation.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** liquid

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**Appearance and Odor:** colorless  
**Melting Point:** N/A  
**Boiling Point:** N/A  
**Specific Gravity:** N/A  
**Vapor Density:** N/A  
**Water Solubility:** N/A  
**pH:**13.3

### SECTION 15 REGULATORY INFORMATION

**US :** TSCA: listed  
**European/International:** no hazardous  
**Canada:** WHMIS: Corrosive E

### SECTION 10 STABILITY AND REACTIVITY:

**Stability:** Stable at normal room temperature and pressure  
**Conditions to avoid:** contact with skin  
**Incompatibility** strong oxidizing agents.  
**Hazardous Decomposition Products:** oxides of carbon, phosphorus, sodium  
**Hazardous Polymerization:** Has not been reported

### SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz (President)  
Date Prepared: Dec 29/2021  
Phone: (800) 234-1179

### SECTION 11 TOXICOLOGICAL PROPERTIES

#### Exposure Limits:

None listed

**Epidemiology:** No data available  
**Teratogenicity:** No data available  
**Reproductive Effects:** No data available  
**Neurotoxicity:** No data available  
**Mutagenicity:** No data available  
**Carcinogenicity:** not listed by ACGIH, IARC, NTP, or CA

The information provided on this Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product.  
Observe all federal, provincial and state laws concerning health, safety and pollution.

### SECTION 12 ECOLOGICAL INFORMATION

No information found.

### SECTION 13 DISPOSAL CONSIDERATION

**Waste Disposal:** Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

### SECTION 14 TRANSPORT INFORMATION

#### Shipping Information:

##### DOT (US)

UN number: 1824 Class 8 Packing group: III

Proper shipping name: SODIUM HYDROXIDE, SOLUTION  
**IMDG**

UN number: 1824 Class 8 Packing group: III  
Proper shipping name: SODIUM HYDROXIDE, SOLUTION

##### IATA

UN number: 1824 Class 8 Packing group: III  
Proper shipping name: SODIUM HYDROXIDE, SOLUTION