

Material Safety Data Sheet

SECTION 1: Product and Supplier Identification

Product Identifier: Sodium Hydroxide 10% Solution

INCI Name: Sodium Hydroxide Solution

Origin: Canada

Supplier: Botanic Planet Canada Inc.

Address: 2 Bram Court Unit # 3 Brampton Ontario L6W 3R6 Canada

Phone: 905-455-4444

Email: info@botanicplanet.ca

Emergency Contact: (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification

Skin Corrosion – Category 1B

Serious Eye Damage – Category 1

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage.

May be corrosive to metals.

Precautionary Statements

Wear protective gloves, protective clothing, and eye/face protection.

Do not breathe mist or spray.

Wash thoroughly after handling.

Section 3: Composition / Information on Ingredients

Component	CAS Number	Concentration
Sodium Hydroxide (NaOH)	1310-73-2	10%
Water	7732-18-5	90%

Section 4: First Aid Measures

Eye Contact

Immediately flush eyes with water for at least 15 minutes. Remove contact lenses if present. Seek immediate medical attention.

Skin Contact

Remove contaminated clothing. Rinse skin thoroughly with water for at least 15 minutes. Seek medical attention if irritation persists.

Inhalation

Move person to fresh air. Seek medical attention if symptoms develop.

Ingestion

Do NOT induce vomiting. Rinse mouth with water. Immediately seek medical attention.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Water spray

Dry chemical

Carbon dioxide (CO₂)

Foam

Special Hazards

Product is not combustible but may react with certain metals, producing hydrogen gas.

Section 6: Accidental Release Measures

Personal Precautions

Wear appropriate protective equipment.

Avoid contact with skin and eyes.

Environmental Precautions

Prevent entry into drains, waterways, and soil.

Cleanup Methods

Absorb with inert material and place into suitable containers for disposal. Neutralize with dilute acid if appropriate.

Section 7: Handling and Storage

Handling

Avoid contact with skin, eyes, and clothing.

Use appropriate ventilation.

Storage

Store in tightly closed corrosion-resistant containers.

Keep away from acids, aluminum, zinc, and other incompatible materials.

Section 8: Exposure Controls / Personal Protection

Exposure Limits

Sodium Hydroxide

ACGIH Ceiling: 2 mg/m³

Personal Protective Equipment

Chemical-resistant gloves

Safety goggles or face shield

Protective clothing

Appropriate ventilation

Section 9: Physical and Chemical Properties

Property	Value
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Appearance	Clear, colorless liquid
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Odor	Odorless
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pH	13–14
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Boiling Point	Approximately 100°C
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Specific Gravity	1.10–1.12 @ 20°C
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Solubility	Completely soluble in water
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Section 10: Stability and Reactivity

Stability

Stable under normal storage conditions.

Incompatible Materials

Acids

Aluminum

Zinc

Tin

Strong oxidizing agents

Hazardous Decomposition Products

May produce sodium oxides under extreme heating.

Section 11: Toxicological Information

Likely Routes of Exposure

Skin contact

Eye contact

Inhalation

Ingestion

Symptoms

Severe burns

Eye damage

Respiratory irritation

Gastrointestinal burns if swallowed

Section 12: Ecological Information

Avoid release to the environment. Large releases may alter the pH of water systems and harm aquatic organisms.

Section 13: Disposal Considerations

Dispose of contents and containers in accordance with local, regional, and national regulations.

Section 14: Transport Information

UN Number

UN 1824

Proper Shipping Name

Sodium Hydroxide Solution

Hazard Class

8 (Corrosive)

Packing Group

III

Section 15: Regulatory Information

This product should be handled in accordance with applicable workplace safety and chemical regulations.

SECTION 16: OTHER INFORMATION

NONE



BPC

This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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