



# SAFETY DATA SHEET

## SECTION 1 — IDENTIFICATION

**Product identifier:** AlbaChem® Haze Remover Paste

**Product Number:** 4071, 4072

**Manufacturer's name and address:** Refer to supplier

**Supplier name and address:**

### ***ALBATROSS USA INC./EXPERT WORLDWIDE***

36-41 36<sup>th</sup> Street  
Long Island City, New York  
United States  
11106  
718-392-6272

5439 San Fernando Road West  
Los Angeles, California  
United States  
90039  
818-543-5850

**Emergency Telephone #:** Chemtrec (Day or Night) 800-424-9300  
(For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

**IMPORTANT:** Read this MSDS before handling and disposing of this product. Pass this information on to employees, customer, and users of this product.

## SECTION 2 — HAZARDS IDENTIFICATION

**DANGER! CORROSIVE.**



### **Hazard Statement(s)**

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled  
H315 Causes severe skin irritation.  
H319 Causes serious eye irritation.

### **Precautionary statement(s)**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P301 + P312 **IF SWALLOWED:** Call a POISON CENTER or doctor/ physician if you feel unwell.  
P302 + P352 **IF ON SKIN:** Wash with plenty of soap and water.

- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
- P322 Specific measures (see supplemental first aid instructions on this label).
- P330 Rinse mouth.
- P332 + P313 If skin irritation occurs: Get medical advice/ attention.
- P337 + P313 If eye irritation persists: Get medical advice/ attention.
- P362 Take off contaminated clothing and wash before reuse.
- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for Extinction.
- P403 + P235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/ container to an approved waste disposal plant.

### SECTION 3 — COMPOSITON/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>
Water	7732-18-5	15 – 45%
2-Butoxyethanol	111-76-2	9 – 25%
Calcium Carbonate	471-34-1	7 – 15%
Sodium Hydroxide	1310-73-2	3 – 9%

### SECTION 4 — FIRST AID MEASURES

#### Eye contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Use fingers to ensure that eyelids are separated and that the eye is being irrigated. Call a physician immediately.

#### Skin contact

Wash off immediately with plenty of water for at least 15 minutes. Immediately remove contaminated clothing and shoes. Call a physician immediately. Wash clothing and shoes before reuse.

#### Inhalation

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.

#### Ingestion

Do not induce vomiting. If conscious, give 2 glasses of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

### SECTION 5 — FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>), Foam, Dry chemical

**Special Fire Fighting Procedures:** Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

**Unusual Fire/Explosion Hazards**

Water runoff from fire fighting may be corrosive. Toxic and irritating gases/fumes may be given off during burning or thermal decomposition. Contact with metals liberates flammable gas.

**SECTION 6 — ACCIDENTAL RELEASE MEASURES**

**Spill and Leak Procedures** Cleanup personnel must use appropriate personal protective equipment. Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal. Do not allow spilled material or wash water to enter sewers, surface waters, or groundwater systems.

**Decontaminant/Neutralizer:** Dilute hydrochloric acid solution. Wash spill area with water. Collect wash water for approved disposal.

**SECTION 7 — HANDLING AND STORAGE****Handling/Storage Precautions**

Do not breathe vapors or spray mist. Do not get on skin or clothing. Do not get in eyes. Do not taste or swallow. Use only with adequate ventilation/personal protection. Wash thoroughly after handling. Keep container closed when not in use.

**Further Info on Storage Conditions**

Material can be stored safely at ambient temperatures. Do not expose to direct sunlight. Protect from freezing. This product is corrosive to metal(s). Product can react with water.

**SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION****Sodium hydroxide (1310-73-2)**

US. ACGIH Threshold Limit Values

Ceiling Limit Value: 2 mg/m<sup>3</sup>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL: 2 mg/m<sup>3</sup>

**Industrial Hygiene/Ventilation Measures**

General dilution and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines.

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand protection**



Permeation resistant gloves.



### Eye protection

Chemical resistant goggles must be worn. Chemical safety goggles in combination with a full face shield if a splash hazard exists.

### Skin and body protection

Permeation resistant clothing and foot protection.

### Additional Protective Measures

Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Emergency showers and eye wash stations should be available.

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Semi-liquid / paste

**Color:** Off White, Opaque

**Odor:** Pungent

**pH:** 13.5

**Melting Point:** 12 °C (53.6 °F)

**Boiling point/boiling range:** 140 °C (284 °F) @ 1,013 hPa

**Flash point:** Not Applicable

**Vapor pressure:** 13 mmHg @ 15.56 °C (60.01 °F)

**Density:** 1.29 g/cm<sup>3</sup> @ 15 °C (59 °F) (DIN 51757)

**Specific Gravity:** 1.29 @ 15.56 °C (60.01 °F)

**Solubility in Water:** Soluble

**Viscosity:** 7,000 cps @ 20 °C (68 °F)

## SECTION 10 — STABILITY AND REACTIVITY

### Hazardous Reactions

Hazardous polymerization does not occur.

**Stability:** Stable.

### Materials to avoid

Combustible material, Acids, Halogenated compounds, Halogens, Metals, Oxidizing agents, Peroxides, Organic nitro compounds

**Oxidizing agents****Conditions to avoid**

Avoid contact with moisture / water. Do not expose to direct sunlight. Protect from freezing. Heat, flames and sparks.

**Hazardous decomposition products**

By Fire and Thermal Decomposition: Sodium oxides, other potentially toxic fumes. Other decomposition products Hydrogen; By Fire and Thermal Decomposition: Phenol; Carbon monoxide, Carbon oxides, other potentially toxic fumes

**SECTION 11 — TOXICOLOGICAL INFORMATION****Acute oral toxicity**

LD50: 140 - 340 mg/kg (Rat)

**Acute dermal toxicity** LD50: 1,350 mg/kg (rabbit)

**Skin irritation**

Human, Corrosive

**Eye irritation**

Human, severe irritant.

**Sensitization**

Skin sensitization: negative (Human experience, Patch Test)

**Mutagenicity**

Genetic Toxicity in Vitro:

Ames: negative (Salmonella typhimurium)

Positive and negative results were seen in various in vitro studies.

Genetic Toxicity in Vivo:

Micronucleus Assay: (mouse, Male/Female, intraperitoneal) negative

**SECTION 12 — ECOLOGICAL INFORMATION****Ecological Data for Sodium hydroxide****Acute and Prolonged Toxicity to Fish**

LC50: 45.4 mg/L (50 %, pH 8)(Rainbow (Donaldson)Trout(Oncorhynchus mykiss),96h) **Acute Toxicity to Aquatic Invertebrates**

LC100: 156 mg/L (pH 9.1 - 9.5) (Water flea (Daphnia magna)

**Toxicity to Aquatic Plants**

The freshwater algae are destroyed at a pH of >8.5.

**SECTION 13 — DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

**Empty Container Precautions**

Recondition or dispose of empty container in accordance with governmental regulations. Do not reuse empty container without proper cleaning. Label precautions also apply to this container when empty.

**SECTION 14 — TRANSPORT INFORMATION****Land transport (DOT)**

Proper shipping name: Sodium Hydroxide Solution

Hazard Class or Division: 8

UN/NA Number: UN1824

Packaging group: II

Hazard Label(s): Corrosive

**RSPA/DOT Regulated Components:**

**Reportable Quantity:** 907 kg (2000 lb)

**Sea transport (IMDG)**

**Proper shipping name:** Sodium Hydroxide Solution

**Hazard Class or Division:** 8

**UN number:** UN1824

**Packaging group:** II

**Hazard Label(s):** CORROSIVE

**Air transport (ICAO/IATA)**

**Proper shipping name:** Sodium hydroxide solution

**Hazard Class or Division:** 8

**UN number:** UN1824

**Packaging group:** II

**Hazard Label(s):** CORROSIVE

**Additional Transportation Information**

Pollution category: Y - Ship type: 3

**SECTION 15 — REGULATORY INFORMATION****United States Federal Regulations**

**OSHA Hazcom Standard Rating:** Hazardous

**US. Toxic Substances Control Act:** Listed on the TSCA Inventory.

**US. EPA CERCLA Hazardous Substances (40 CFR 302):**

**Components**

Sodium hydroxide                      Reportable quantity: 1000 lbs

**SARA Section 311/312 Hazard Categories:**

Acute Health Hazard, Reactivity Hazard, Chronic Health Hazard

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III**

**Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):**

**Components**

None

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required: **Components**

None

**US. EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261)** Under RCRA, it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste. In its purchased form, this product meets the criteria of corrosive under 40 CFR 261.22(a), and, when discarded in that form, should be managed as a hazardous waste.

**State Right-To-Know Information**

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

**Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists:**

Weight percent	Components	CAS-No.
9 – 25	2-Butoxyethanol	111-76-2
7 – 15	Calcium Carbonate	471-34-1
3 – 9	Sodium Hydroxide	1310-73-2

**California Prop. 65:**

This product contains the following substances known to the state of California to cause cancer, birth defects or other reproductive harm: None

**SECTION 16 — OTHER INFORMATION****NFPA 704M Rating:**

HEALTH: 3

FLAMMABILITY: 0

REACTIVITY: 2

OTHER:

**HMIS INFORMATION:**

HEALTH – \* 3

FLAMMABILITY -2

PHYSICAL HAZARD – 0

PERSONAL PROTECTION – C

HAZARD RATING – 0 = LEAST, 1=SLIGHT, 2=MODERATE, 3=HIGH, 4=EXTREME

\* = CHRONIC HEALTH HAZARD

C = Gloves, Goggles, Protective Apron

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