



NORTHERN INDUSTRIAL SALES, LLC
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Safety Data Sheet

ALUMI-BRITE

Section 1. Identification

Product Use: ACIDIC ALUMINUM CLEANER
Date Issue: 10/29/20 **Supersedes:** 11/2/18

Emergency Telephone Number (U.S.) INFOTRAC 1-800-535-5053
Emergency Telephone Number (International) 1-352-323-3500
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Section 2. Hazard(s) identification

Health Hazards

Eye damage/irritation, Category 1
 Eye damage/irritation, Category 2A
 Eye damage/irritation, Category 2B
 Skin corrosion/irritation, Category 2

GHS label elements



Hazard Pictogram:
Signal Word:

DANGER

**May be corrosive
 To metals**

Hazard statement(s)

Causes skin irritation. Causes serious eye damage. Causes serious eye irritation. Causes eye irritation

Precautionary statement(s)

Wash hands thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF ON SKIN: Wash with plenty of water.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 Specific treatment (see ... on this label).

If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.

Storage: Not applicable
Disposal: Dispose of container in accordance with local, state, and federal regulations.
Hazards Not Otherwise Classified: None known

Section 3. Composition/Information on Ingredients

3.2 Mixtures

Hazardous components

1. HYDROCHLORIC ACID (<37%)

Concentration < 15 %

Other names / synonyms ANHYDROUS HYDROCHLORIC ACID; CHLOROHYDRIC ACID; HYDROCHLORIC ACID; hydrochloric acid ... %; HYDROCHLORIC ACID (<37%); HYDROCHLORIC ACID GAS; HYDROCHLORICACID; HYDROCHLORIDE; hydrogen chloride; HYDROGENCHLORIDE; MURIATIC ACID; NA 1789; SPIRITS OF SALT; UN 1050; UN 1789; UN 2186

EC no. 231-595-7
 CAS no. 7647-01-0
 Index no. 017-002-01-X

- Skin corrosion/irritation (chapter 3.2), Cat. 1B
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

H314 Causes severe skin burns and eye damage
 H335 May cause respiratory irritation

2. PHOSPHORIC ACID LIQUID

Concentration < 10 %

Other names / synonyms o-Phosphoric Acid; Phosphoric acid; phosphoric acid ... %, orthophosphoric acid ... %; Phosphoric acid liquid; Phosphoric acid, 85%; PHOSPHORICACID

EC no. 231-633-2
 CAS no. 7664-38-2
 Index no. 015-011-00-6

- Skin corrosion/irritation (chapter 3.2), Cat. 1B

H314 Causes severe skin burns and eye damage

3. AMMONIUM BIFLUORIDE

Concentration < 5 %

Other names / synonyms Ammonium bifluoride; Ammonium fluoride ((NH₄)(HF₂)); AMMONIUM HYDROGEN DIFLUORIDE; AMMONIUMBIFLUORIDE

EC no. 215-676-4
 CAS no. 1341-49-7
 Index no. 009-009-00-4

- Acute toxicity (chapter 3.1), Cat. 3
- Skin corrosion/irritation (chapter 3.2), Cat. 1B

H301
H314

Toxic if swallowed
Causes severe skin burns and eye damage

Section 4. First Aid Measures

4.1 Description of necessary first-aid measures

General advice

SPEED IN REMOVING PATIENT FROM THE CONTAMINATED ATMOSPHERE AND IN REMOVING THE SOLUTION FROM THE SKIN OR EYES IS OF PRIMARY IMPORTANCE.

Inhalation

Remove patient to an uncontaminated area and apply artificial respiration if breathing has stopped. Patient should remain quiet, preferably lying down and kept warm and comfortable. Do not give stimulants unless so ordered by a doctor.

Skin Contact

Immediately subject affected area with drenching shower of water and remove contaminated clothing as rapidly as possible. An iced 70% solution of alcohol or an ice-cold saturated solution of magnesium sulfate (Epsom salts) should be applied for at least 30 minutes by direct immersion or by a freshly prepared paste of powdered U.S.P. Magnesium Oxide and U.S.P. Glycerin.

Eye Contact

Irrigate immediately with copious amounts of water for about 15 minutes. Eyelids should be held apart during irrigation to insure contact of water with all tissues of the eyes and lids. A physician, preferably an eye specialist, should be contacted.

Ingestion

DO NOT INDUCE VOMITING. Contact a physician immediately. Have patient drink a large quantity of water, followed by milk or 2 ounces of Milk of Magnesia. See also "First Aid for Inhalation"

Personal protective equipment for first-aid responders

No data available.

Most important symptoms/effects, acute and delayed

No data available.

Indication of immediate medical attention and special treatment needed, if necessary

No data available.

Section 5. Fire Fighting Measures

Flash Point not available
Flammable Limits N/A
Flammability Non-Flammable

Fire hazard None
Fire-Fighting Procedures Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spills Neutralize with lime slurry. flush to chemical sewer with copious amounts of water. Dispose of in accordance with state, federal, or local Regulations.

Disposal Dispose of in accordance with state, federal, or local regulations.

Section 7. Handling and Storage**Handling**

Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes. Do not ingest. Do not reuse container.

Storage

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use.

Section 8. Exposure Controls/Personal Protection**Control parameters****1. Hydrogen chloride (CAS: 7647-01-0)**

PEL (Inhalation): (C) 5 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

2. Hydrogen chloride (CAS: 7647-01-0)

PEL (Inhalation): (C) 7 mg/m³ (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

3. Hydrogen chloride (CAS: 7647-01-0)

PEL (Inhalation): (C) 5 ppm (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

4. Hydrogen chloride (CAS: 7647-01-0)

REL (Inhalation): (C) 5 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

5. Phosphoric acid (CAS: 7664-38-2)

PEL (Inhalation): 1 mg/m³ (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

6. Phosphoric acid (CAS: 7664-38-2)

PEL (Inhalation): 1 mg/m³, (ST) 3 mg/m³ (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

7. Phosphoric acid (CAS: 7664-38-2)

REL (Inhalation): 1 mg/m³, (ST) 3 mg/m³ (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

Appropriate engineering controls

No data available.

Individual protection measures, such as personal protective equipment (PPE)**Eye/face protection**

Safety Goggles, Face Shield.

Skin protection

For prolonged or repeated handling, use gloves. Recommended: Neoprene gloves. Rubber gloves.

Body protection

Rubber Apron.

Respiratory protection

Avoid breathing in mist. Local or mechanical exhaust.

Section 9. Physical and Chemical Properties

Boiling Point	N/A
Vapor Pressure (@20C)	N/A
Vapor Density (Air =1)	N/A
Specific Gravity	N/A
Appearance/form	Blue Liquid
Odor	Acidic Odor
pH	2 - 3
Initial boiling point and boiling range	212°F
Solubility in H²O	Complete

Section 10. Stability and Reactivity**Reactivity**

No data available.

Chemical stability

Stable

Possibility of hazardous reactions

No data available.

Conditions to avoid

Avoid contact of concentrated acid with concentrated alkaline materials.

Incompatible materials

Alkalines, Oxidizers, and Soft Metals.

Hazardous decomposition products

Hydrogen gas will form if left in contact with light metals.

Section 11. Toxicological Information**Information on toxicological effects****Acute toxicity**

SENSITIZATION: N/A

CARCINOGENICITY: IARC: N/A **NTP:** N/A **OSHA:** N/A

Product/ingredient name	Result	Species	Dose	Exposure
HYDROCHLORIC ACID	LD50 Dermal	Rabbit	4413 ppm/30M	-
	LD50 Oral	Rat	700 mg/kg	-
PHOSPHORIC ACID	LD50 Dermal	Rabbit	>3160 mg/kg	-
	LD50 Oral	Rat	4400 mg/kg	-

Section 12. Ecological Information**Toxicity****Persistence and degradability**

No data available.

Bio accumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

Ecotoxicity: N/A
BOD5 and COD: N/A
Products of Biodegradation: Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.
Special Remarks on the Products of Biodegradation: N/A

Section 13. Disposal Considerations

Disposal of the product

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Disposal of contaminated packaging

No data available.

Waste treatment

Non-hazardous waste

Sewage disposal

No data available.

Other disposal recommendations

No data available.

Section 14. Transport Information

UN or NA Number UN1760
Emergency Response Guide 154
DOT Shipping Name UN1760, Corrosive Liquids, n.o.s. (Hydrochloric acid, Phosphoric acid), 8, PGII, CORROSIVE

Required Label



Reportable Quantity

None

Other Precautions

Read entire label before using / Keep out of reach of children.

Section 15. Regulatory Information

U.S. Federal Regulations

SARA 313 toxic chemical notification and release reporting:

Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

State Regulations

California Prop 65 No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

Section 16. Other Information**HMIS Rating**

Health	3
Flammability	0
Physical hazard	0
Personal protection	G

NFPA Rating

Health hazard	3
Fire hazard	0
Reactivity hazard	0
Special hazard	

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