

SAFETY DATA SHEET

OSHA-174

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200
Standard must be consulted for specific requirements.

SECTION 1: IDENTIFICATION

Manufactured By: GOLD COAST CHEMICAL PRODUCTS
Address: 2357 STIRLING ROAD
FT. LAUDERDALE, FL 33312
(954) 893-0044

Telephone No. for Info:
Emergency Contact: **CHEM-TEL**
Emergency No.: (800) 255-3924
Product Name: ALUMINUM BRIGHT
Prepared Date: February 12, 2015

SECTION 2: HAZARD(s) IDENTIFICATION



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME (CAS #)	%	PEL	TLV	STEL
WATER (CAS# 7732-18-5)		None	None	N/A
HYDROFLUORIC ACID (70% aq.) (CAS # 7664-39-3)		2mg/m	2mg/m	N/A
NONYLPHENOXY POLYETHYLENEOXY ETHANOLS (CAS # 9016-45-9)		3mg/kg	3mg/kg	N/A
PHOSPHORIC ACID (CAS # 7664-38-2)		1mg/m ³	1mg/m ³	N/A
HYDROCHLORIC ACID (CAS # 7647-01-0)		N/A	N/A	N/A

SECTION 4: FIRST AID MEASURES

Routes of Entry: Skin, Eyes, Ingestion, Inhalation

Health Hazards (Acute or Chronic): N/A

Signs and Symptoms of Exposure: May cause severe burns to skin and eyes. May cause severe burns to all mucous membranes if inhaled and may cause severe burns to lungs. If ingested may cause severe burns to gastrointestinal system. Effects may not be immediate.

Medical Conditions Generally Aggravated By Exposure: N/A

EMERGENCY & FIRST AID PROCEDURES:

SKIN: Immediately remove all contaminated clothes and shoes. Thoroughly flush affected areas for not less than 15 minutes with water. Get immediate medical aid.

EYES: Immediately flush eyes with water for at least 15 minutes. Speed in first aid to eyes may save sight. Get immediate medical attention.

INGESTION: Do not induce vomiting. If patient is conscious give milk, egg white, gelatin solution, antacid tablets or liquid, or if none of these are available, give water. Get medical aid immediately.

INHALATION: Immediately remove patient to fresh air. If conscious, get medical aid. If unconscious, give artificial respiration and get immediate medical aid.

Conditions aggravated by exposure: Osteoporosis

PRODUCT NAME: ALUMINUM CLEANER

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: None (TOC)

Flammability Limits: N/A

Extinguishing media: Water, CO₂, Dry Chemical, Foam

Upper: Lower:

Special Fire-fighting Procedure:

Unusual Fire/Explosion Hazard: Fumes from heated material are highly corrosive to tissue and toxic. Wear protective clothing and self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: **SMALL SPILLS:** If possible neutralize with sodium bicarbonate, sodium carbonate (soda ash), or other safe carbonate. Re-containerize by mopping, wet vacuum, or by using a suitable absorbent. Rinse remaining materials to drain.

Waste Disposal Method: Follow local, state and federal guidelines.

SECTION 7: HANDLING & STORAGE

Precautions to be taken in handling and storing: Store between 34° and 120°F.

Other precautions: KEEP OUT OF REACH OF CHILDREN. For sale to, use and storage by service personnel only.

Respiratory Protections: Approved NIOSH respirator.

Ventilation: Mechanical to reduce fumes below PEL

Protective Gloves: Latex or Rubber

Eye Protection: Chemicals goggles and full face shield.

Other Protective clothing or equipment: Rubber boots and full acid suit.

Work / Hygienic practices:

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

COMPONENT	EXPOSURE LIMITS	CONTROL	BASIS
Water	N/A	N/A	N/A
Hydrochloric Acid	20	7 mg / m ³	N/A
Phosphoric Acid	N/A	N/A	N/A
Hydrofluoric Acid	N/A	N/A	N/A
Nonylphenoxypolyethyleneoxy Ethanol	N/A	N/A	N/A

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Boiling Point: 212°F

Specific Gravity (H₂O = 1) 1.024

Vapor Pressure (mm Hg): 760 mm Hg

Melting Point:

Vapor Density (air = 1): 0.7

Evaporation Rate (butyl acetate = 1) Not Est.

Solubility in water: Complete

% Volatile by volume: 98

Appearance and Odor: Thin, clear, colorless liquid w/ strong acid odor

pH: 1.5

SECTION 10: STABILITY & REACTIVITY

Stability: Stable hydrogen fluoride gas dissolved in water will leave solution on standing.

Conditions to avoid: Any elevated temperatures.

Incompatibility: All alkalis, reducing agents, and reducible organics.

Hazardous Decomposition: Hydrogen fluoride and other materials varying by contact.

Hazardous Polymerization: Will not occur

Conditions to avoid: None

PRODUCT NAME: ALUMINUM CLEANER

SECTION 11: TOXICOLOGICAL INFORMATION

NTP?

IARC Monographs?

OSHA Regulated?

No Data Available

No Data Available

No Data Available

Signs and Symptoms of Exposure

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Prepared by: Roy Harding_____