

Preparation date 12/18/2018

**1. IDENTIFICATION**

Revision: 1.1

Product Name

Aluminum Cleaner &amp; Brightener / Aluma Ne

Part No QCC-448

Recommended Use

Industrial &amp; Specialty - Metal Prep &amp; Cleaning

Company / Supplier

Quality Chemical Company, 1835 N.E. 144th Street, North Miami, FL 33181

Telephone: (305) 944-2837, (888) 355-5540, Fax: (305) 944-6857

Emergency telephone number

1-800-535-5035

**2. HAZARD(S) IDENTIFICATION**

GHS Classification

Physical Hazards Oxidizing Liquids

Health Hazards Skin Corrosion/Irritation

**GHS Label Elements**

Pictogram(s)



Signal word

Hazard(s) Statement(s)

DANGER

H302 Harmful if swallowed

H315 Causes skin irritation

H318 Causes serious eye damage

Precautionary Statement(s) P102 Keep out of reach of children.

P103 Read label before use.

P280 Wear protective gloves/ eye protection/ face protection.

Hazards not otherwise classified (HNOC) or not covered by GHS None known

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name

Common name and synonyms

CAS Number

Hydrofluoric Acid (49%)

7664-39-03

Phosphoric Acid (85%)

7664-38-2

## Aluminum Cleaner &amp; Brightener / Aluma New

## 4. FIRST-AID MEASURES

Description of First-Aid measure

General advi	Move out of dangerous area. Rapid action is critical to minimize possible health injury. Consult a Physician. Show this Safety Data Sheet to the doctor in attendance.
Eye Contact	Immediately flush eyes with water for 15 minutes while holding eyelids open. Seek medical attention in the event of adverse reaction or if symptoms worsen.
Skin Contact	In case of irritation, wash affected area with soap and water. Seek medical attention in the event of adverse reaction or if symptoms worsen.
Ingestion	Seek medical attention if ingestion occurs.
Inhalation	Product not hazardous by inhalation, but if respiratory distress occurs remove victim to fresh air and seek medical attention.

## 5. FIRE-FIGHTING MEASURES

N/A. Product is non-flammable.

## 6. ACCIDENTAL RELEASE MEASURES

Dike and contain. Absorb spillage with an absorbent material (sand, earth absorbent pillows). Avoid runoff to drains; clean areas as soon as possible. Dispose of waste according to local, state and federal regulations.

## 7. HANDLING AND STORAGE

Precautions for safe handling

Do not store in unmarked containers. Use adequate personal protection equipment when transferring to other containers. Use reasonable care handling containers/packages.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry and well-ventilated area. Storage class: Non-combustible (TRGS 510).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limit: No data available.

Engineering Controls

Local ventilation: Not needed.

General ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes	Use proper protection. Safety glasses/goggles recommended.
Skin	Gloves recommended
Inhalation	None required.
Ventilation	None required.

**Aluminum Cleaner & Brightener / Aluma New****9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical Form:</b>	Liquid	<b>Volatile Content</b>	Not determined
<b>Color</b>	Blue	<b>Auto-ignition temperature</b>	N/A
<b>Odor</b>		<b>Evaporation rate</b>	Not determined
<b>Specific Gravity @ 25</b>	1.140	<b>Vapor pressure</b>	Not determined
<b>Viscosity</b>	Not Determined	<b>Decomposition temperature</b>	Not determined
<b>Freezing/Melting Poi</b>	Not Determined	<b>Vapor density</b>	Not determined
<b>pH</b>	3.7	<b>Solubility in water</b>	Complete
<b>Flammable</b>	NO	<b>Flash Point:</b>	Not Determined
<b>Boiling Point:</b>	Not Determined	<b>Shelf Life:</b>	1 year - depending upon Storage Conditions

**10. STABILITY AND REACTIVITY**

Chemical stability: Stable

Hazardous polymerization: Will not occur

Condition to avoid: None

Materials to avoid: None

Hazardous decomposition products: Not Determined

**11. TOXICOLOGICAL INFORMATION**

Routes of Exposure: Eyes, skin, inhalation, ingestion.

Special Remarks on Toxicity to Animals: not determined.

Special Remarks on Chronic Effects on Humans: Not determined.

Mutagenetic Effects: Not determined.

Numerical measures of toxicity: Not determined.

<b>Eyes</b>	Contact may cause mild irritation
<b>Skin</b>	Causes skin irritation. May causes allergic reaction.
<b>Ingestion</b>	May cause burns to the gastrointestinal tract, nausea, vomiting, diarrhea, stomach ulceration or bleeding
<b>Inhalation</b>	No inhalation hazard
<b>Chronic Effects</b>	No chronic health effects.
<b>Carcinogenicity</b>	Not expected to be carcinogenic

**12. ECOLOGICAL INFORMATION**

Ecotoxicity: No data available.

Products of Biodegradation

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

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## 13. DISPOSAL CONSIDERATIONS

Do not reuse containers.

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## 14. TRANSPORT INFORMATION

DOT UN 1805, Phosphoric Acid Solution, 8, PG III, Corrosive

IATA (air) UN 1805, Phosphoric Acid Solution, 8, PG III, Corrosive

IMO/IMDG (ves) UN 1805, Phosphoric Acid Solution, 8, PG III, Corrosive

Environmental Hazards: No data available.

Special Precautions: No data available.

## 15. REGULATORY INFORMATION

Contents of this SDS comply with the OSHA Hazards Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances: None

Section 404 CERCLA Hazardous Substances: None

Section 311/312 Hazard Class:

Acute: No.

Chronic: No.

Fire: No.

Pressure: No.

Reactive: No.

Section 313 Toxic Chemicals: None present or none present in regulated quantities.

Supplemental state Compliance Information: California

This product contains no chemicals listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

## 16. OTHER INFORMATION

This document was prepared by Quality Chemical Company. The above information is believed to be correct to the best of our knowledge but does not purport to be all inclusive and shall be used only as a guide. Users should make their own investigations to determine the suitability of the information for their particular purposes.

The information in this document is applicable to the product with regard only to appropriate safety precautions.

This document does not represent any guarantee of the properties of the product.

Quality Chemical Company shall not be held liable for any damage resulting from handling or from contact with the above product. The buyer assumes all responsibility for handling, using, suitability for any particular purpose or reselling the product in accordance with the applicable local, state and federal law.