

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**ALUMIN-NU / 2956****DECEMBER 2012****PAGE 1**

HEALTH	2
FIRE	1
REACTIVITY	0
P.P.E.	B

SECTION 1 – Chemical and Company Identification

CHEMICAL FORMULATION: Water based cleaner concentrate

SECTION 2 – Composition on Ingredients

CAS #	NAME	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR:		
21351-38-3	Organic Salt	< 10.0	N/E	N/E	302	355	372
Proprietary	Surfactant Blend	< 3.0	N/E	N/E	N	N	N
Proprietary	Organic Acid Salt	<20.0	N/E	N/E	N	N	N

n/e = none established n/a = not applicable

SECTION 3 – Hazards Information

ROUTES OF ENTRY: Eye contact, skin contact, ingestion

EFFECTS OF OVEREXPOSURE:

- EYES:** May cause severe irritation or burns to eyes.
SKIN: Irritation, drying, defatting, and dermatitis with prolonged or repeated exposure. Non-corrosive to skin.
INHALATION: Irritation to the respiratory tract if inhaled as a mist.
INGESTION: May be harmful or fatal if ingested.

CARCINOGENIC INFORMATION: This material is not listed as a carcinogen by IARC, NTP, or OSHA.

SECTION 4 – First Aid Measures

- EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes, holding eyelids open during flushing. Obtain immediate medical attention.
SKIN: Immediately flush with soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention.
INHALATION: Remove person to fresh air. If breathing has stopped administer artificial respiration. If breathing is difficult, give oxygen and obtain medical attention.
INGESTION: Do not induce vomiting. If person is conscious, give 2 glasses of water to dilute stomach contents. Contact physician or poison control center immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing.

SECTION 5 – Fire Fighting Measures

FLASH POINT: >200 °F **TEST METHOD USED:** Estimated
FLAMMABLE LIMITS IN AIR (VOLUME %): LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: Hydrogen gas may be released upon contact with certain metals at sustained temperatures above 140° F.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

SECTION 7 – Handling and Storage

Store in a cool, dry place away from alkaline products. Do not mix with any other cleaning chemicals. Keep container tightly closed when not in use.

OTHER PRECAUTIONS: Keep out of reach of children.

SECTION 8 – Exposure Controls/Personal Protection

VENTILATION: LOCAL: Recommended MECHANICAL: Not Required
EYE PROTECTION: Safety glasses or chemical goggles are recommended.
PROTECTIVE GLOVES: Chemical resistant gloves are recommended.
RESPIRATORY PROTECTION: Use with adequate ventilation. Do not breathe vapors or mists.
OTHER PROTECTIVE EQUIPMENT: Safety shower and eye wash station, protective clothing.
OTHER PRECAUTIONS: Keep out of reach of children.

SECTION 9 – Physical and Chemical Properties

APPEARANCE/ODOR: Clear, colorless liquid with mild odor
EVAPORATION RATE (water=1): N/D
SOLUBILITY IN WATER: Soluble
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR=1): N/D
VOC CONTENT (% by weight) N/D
SPECIFIC GRAVITY (H20=1): 1.08
pH CONCENTRATE: <1.0
BOILING POINT: N/D

SECTION 10 – Stability and Reactivity

STABILITY: Metal contact may cause Hydrogen release
INCOMPATIBILITY: Do not mix with metal powders. Avoid contact with oxidizers or reducing agents, alkalis, chlorates, nitrates. Contact with hypochlorites will liberate toxic gases. Excess heat and open flame.
CONDITIONS TO AVOID: Will not occur
HAZARDOUS POLYMERIZATION: Thermal decomposition may yield hydrofluoric acid and oxides of carbon, nitrogen, chlorine and sulfur. Hydrogen gas may be released upon contact with certain metals.
HAZARDOUS DECOMPOSITION: Heating above 110°C may result in exothermic decomposition with rapid release of CO² gas.
CONDITIONS TO AVOID: Heating above 110°C may result in exothermic decomposition with rapid release of CO² gas.

SECTION 11 – Toxicological Information

No Data Available.

SECTION 12 – Ecological Information

No Data Available.

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Consult local environmental authorities.

SECTION 14 – Transport Information

DOT ID#: None
DOT CLASS: None
DOT PROPER SHIPPING NAME: None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, and mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.

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SECTION 15 – Regulatory Information

No Data Available.

SECTION 16 – Other Information

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

Disclaimer: The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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