



Production Car Care Products

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[www.msdsatproduction.com](http://www.msdsatproduction.com)

## SAFETY DATA SHEET

FILE NO.: 37      SDS DATE: August 24, 2018

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Foaming Aluminum Brightener™  
SYNONYMS: N/A  
PRODUCT CODES:

MANUFACTURER: Production Car Care Products  
DIVISION: N/A  
ADDRESS: 1000 East Channel Street  
Stockton, CA 95205

EMERGENCY PHONE: CANUTEC: (613) 996-6666  
CHEMTREC PHONE: (800) 424-9300  
OTHER CALLS: Office (209) 943-7337  
FAX PHONE: (209) 943-7337

SECTION 1 NOTES:

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### SECTION 2: HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW:  
ROUTES OF ENTRY: Inhalation, Ingestion, Skin

#### POTENTIAL HEALTH EFFECTS

EYES: Can cause severe irritation, redness, tearing, blurred vision, corneal burns or conjunctivitis.

SKIN: Can cause severe irritation and burns which may not be immediately painful or visible.

INGESTION: Can cause severe mouth, throat, and stomach burns, nausea, and headaches. May be fatal.

INHALATION: Can cause severe irritation/burns in the nose, throat, respiration system, nausea, and headaches. May be fatal.

ACUTE HEALTH HAZARDS: EYES: Irritation. SKIN: Irritation to sensitive skin. INGESTION: Nausea, vomiting, and diarrhea. INHALATION: Dizziness, nausea, and headache.

CHRONIC HEALTH HAZARDS: N/A.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Poor general health.



**CARCINOGENICITY**

OSHA: 2.5 mg/m<sup>3</sup>, 1mg/cum

ACGIH: 2.5 mg/m<sup>3</sup>, 1mg/cum

NTP: N/L

IARC: N/L

OTHER:

SECTION 2 NOTES: N/A

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT:

Ammonium Bifluoride  
Phosphoric Acid

CAS NO.

1341-49-7  
7664-38-2

% WT

11-30  
1-10

SARA 313 REPORTABLE

Listed  
Listed

OSHA PEL:

2.5 mg/m<sup>3</sup>  
1mg/cum

ACGIH TLV

2.5 mg/m<sup>3</sup>  
1mg/cum

NTP

N/L  
N/L

IARC

N/L  
N/L

OSHA 1910 (Z)

N/R  
N/R

EHS

Yes  
NO

LD50

Inhalation rat 1276 ppm/H  
Skin rat >3160 mg/kg

LC50

N/A  
Mysid Shrimp. 96 Hours >100 mg/L

SECTION 3 NOTE: N/A.

**SECTION 4: FIRST AID MEASURES**

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**EYES:** Flush with water for 15 minutes, with eyelids apart and away from eyeballs during irrigation.

**SKIN:** Remove all contaminated clothes wash with large amounts of water for a minimum of 15 minutes.

**INGESTION:** Do not induce vomiting. Drink large amounts of water to dilute.

**INHALATION:** Remove to fresh air. If breathing has stopped, start artificial respiration at once.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** N/A

**SECTION 4 NOTES:** N/A

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**SECTION 5: FIRE-FIGHTING MEASURES**

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**METHOD USED:**

**FLASH POINT:** None.

**AUTO IGNITION TEMPERATURE:** N/D

**EXTINGUISHING MEDIA:** Regular foam, Carbon Dioxide, or dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed container may explode when exposed to extreme heat. Product contains strong oxidizer.

**SECTION 5 NOTES:** N/A

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**ACCIDENTAL RELEASE MEASURES:** Neutralize with alkali such as soda ash or lime, if spilled absorb with sand or absorbent material and prevent runoff to sewer or surface water. Make sure to avoid using this product in an in closed area.

**SECTION 6 NOTES:** N/A

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**SECTION 7: HANDLING AND STORAGE**

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**HANDLING AND STORAGE:** Keep product closed – Store away from heat or flame.

**OTHER PRECAUTIONS:** Keep out of reach of children.

**SECTION 7 NOTES:** N/A.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:**

**VENTILATION:** Avoid using in closed area.

**RESPIRATORY PROTECTION:** Should wear if OSHA PEL/TLV is exceeded NIOSH/MSHA or other recognized approved air-supplied respirator.

**EYE PROTECTION:** Splash proof safety spectacles

**SKIN PROTECTION:** Protective impervious Neoprene Rubber required.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Should wear NIOSH/MSHA or other OSHA recognized approved respirator/particle dust mask.

**WORK HYGIENIC PRACTICES:** No eating, drinking or smoking. Wash up after use.

**EXPOSURE GUIDELINES:** N/A

**SECTION 8 NOTES:** N/A.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE:** Thin liquid, dark red in color.

**ODOR:** Acidic like odor.

**PHYSICAL STATE:** Liquid

**pH AS SUPPLIED:** 2

**pH (Other):**

**BOILING POINT:**

F: 316.4°F

C: 158°C

**MELTING POINT:** N/D

F:

C:

**FREEZING POINT:** N/D

F:

C:

**VAPOR PRESSURE (mmHg):** N/D

@

F:

C:

**VAPOR DENSITY (AIR = 1):** N/D

@ Water based

F:

C:

**SPECIFIC GRAVITY: (H<sub>2</sub>O = 1)**

@ >1 1.046

F:

C:

**EVAPORATION RATE: (Butyl Acetate = 1)**

**BASIS (=1):** N/D

**SOLUBILITY IN WATER:** Soluble.

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**SECTION 10: STABILITY AND REACTIVITY**

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STABLE  
X

UNSTABLE

**STABILITY:** Stable

**CONDITIONS TO AVOID (STABILITY):** Strong oxidizing agents.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Glass, concrete, carbonates, cyanides, alkalis, common metals, leather, rubber and many organics.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** May produce fumes when heated to decompression. Fumes contain SO<sub>2</sub>, SO<sub>3</sub>, NH<sub>3</sub> and acidic fluorides.

**HAZARDOUS POLYMERIZATION:** Will not occur.

CONDITIONS TO AVOID (POLYMERIZATION): None.

SECTION 10 NOTES: N/A

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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OVER EXPOSURE: Irritation and burns to mouth, throat, lungs, stomach, cornea and skin.

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**SECTION 12: ECOLOGICAL INFORMATION**

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ECOLOGICAL INFORMATION: Product is a mixture of listed components.

SECTION 12 NOTES: N/A

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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WASTE DISPOSAL METHOD: In accordance with Local, State and federal regulations.

RCRA HAZARD CLASS: N/D

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**SECTION 14: TRANSPORT INFORMATION**

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**U.S. DEPARTMENT OF TRANSPORTATION**

PROPER SHIPPING NAME: Corrosive liquids, Toxic, N.O.S., (Contains Ammonium Bifluoride (11-30%), Phosphoric Acid (1-10%)), 8, UN 2922, PG II

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

**WATER TRANSPORTATION**

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

**AIR TRANSPORTATION**

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

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**SECTION 15: REGULATORY INFORMATION**

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**U.S. FEDERAL REGULATIONS**

TSCA (TOXIC SUBSTANCE CONTROL ACT):

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

**313 REPORTABLE INGREDIENTS:**

**STATE REGULATIONS:**

**INTERNATIONAL REGULATIONS:**

**SECTION 15 NOTES:**

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**SECTION 16: OTHER INFORMATION**

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**OTHER INFORMATION:**

**PREPARATION INFORMATION:**

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