



3420 Country Square Drive No. 108
Carrollton, TX 75006

Material Safety Data Sheet

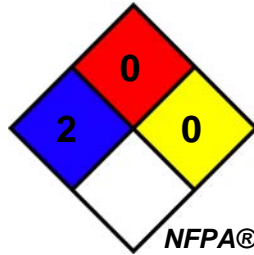
Effective Date 8/4/2009

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SECTION 1: PRODUCT IDENTIFICATION

Product Name Aluminum Brightener

Product Formula STMALB



HEALTH	2
FIRE	0
REACTIVITY	0
PROTECTIVE EQUIPMENT	C

HMIS®

SECTION 2: PHYSICAL DATA

VOC Content	pH (1% wt/wt)	Specific Gravity	Solubility in Water	Appearance & Odor
0 g/L	1.8	1.09	Complete	Light yellow color with citrus odor.

SECTION 3: HAZARD IDENTIFICATION

Hazardous Compounds	WT %	TLV
Phosphoric Acid	<20	1 mg/m ³
Sulfuric Acid	<20	1 mg/m ³
Aluminum Borate Silicate Complex	<2	N/A

Hazardous Description Corrosive Liquid

SECTION 4: FIRST AID MEASURES

First Aid Eyes	Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician if irritation persists.
First Aid Skin	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician if irritation persists. Wash clothing before reuse.
First Aid Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Dilute by drinking two large glasses of water. Call a physician immediately.
First Aid Inhalation	If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Call a physician immediately.

SECTION 5: POTENTIAL HEALTH EFFECTS

Eyes	May irritate or burn eyes. Prolonged exposure to eyes may cause permanent damage and should be avoided.
Skin	May cause irritation or burns, redness, or severe pain. Prolonged exposure should be avoided.
Ingestion	May irritate or burn gastrointestinal tract. Ingestion of large amounts may cause nausea, vomiting and diarrhea or may even be fatal.
Inhalation	May irritate or burn nose, throat and lungs.
Pre-Existing Condition	Vapors or mists may aggravate pre-existing lung conditions.



SECTION 6: FIRE & EXPLOSION HAZARD DATA

Flash Point >200F (TCC) Extinguishing Media Use non-flammable or non-explosive extinguishing media.

Fire Explosion Warning No known unusual hazards in a fire/explosion situation.

Special Fire Fighting Instructions In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

SECTION 7: EXPOSURE CONTROL & PERSONAL PROTECTION

Environmental Controls Local exhaust or general room ventilation is required. If handling results in mist/aerosol and/or high exposure, special ventilation may be required to avoid exceeding exposure standard and/or to prevent a dangerous working environment.

Personal Protection Eyes Polycarbonate safety glasses.

Personal Protection Skin Polycarbonate safety glasses, chemical resistant nitrile gloves, and impervious apron.

Personal Protection Respiratory None required for normal use. Use an approved NIOSH/MSHA air respirator where use may cause overexposure.

Extra Personal Protection As needed to prevent contact.

Additional Remarks: Selection of appropriate safety equipment, including personal protective equipment and other required safety gear, should be based on an evaluation of the task. The precautions listed in this document are for normal use.

SECTION 8: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures Evacuate area. Ventilate area. Collect for disposal using an inert absorbent material and transfer to a container for reuse or disposal. For large spills, provide diking or other appropriate containment. Observe all personal protection equipment recommendations.

Disposal Considerations Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 9: MATERIALS & CONDITIONS TO AVOID

Materials & Conditions to Avoid This product will etch soft metals and should be rinsed when contacted. Do not store in containers made of soft metals such as zinc or aluminum. Mixing with strong alkalis can cause a violent reaction.

SECTION 10: REGULATORY INFORMATION

SARA TITLE III SUPPLIER NOTIFICATION

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TSCA (Toxic Substance Control Act): All ingredients of this product are listed on the TSCA inventory.

CARCINOGENICITY: Not listed by IARC, NTP, OR OSHA.

CALIFORNIA PPROPOSITION 65: This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins which would be subject to the proposition.

Table with 3 columns: CAS, CHEMICAL NAME, % wt. Row 1: None

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