

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION

Equipment Specialists
123 US Highway 42 NE
London, OH 43140
Inquiry Phone: (740) 852-9480
Emergency Phone: (800) 535-5053
Prepared: 3/26/12 Revised: 4/25/13

PRODUCT NAME: Citrus Alum Bright
PRODUCT CODE: 11660

NFPA hazard codes: NFPA acute hazard rating:
0 = Least 3 = High Health: 1
1 = Slight 4 = Extreme Flammability: 0
2 = Moderate Reactivity: 1

SECTION 2 CHEMICAL COMPOSITION

Note: List all CERCLA hazardous substances at 1% or greater and CARCINOGENS at 0.1% or greater.

INGREDIENT (chemical name)	CAS#	% range	TLV / PEL	TWA	STEL / Ceiling Skin
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No hazardous ingredients

SECTION 3 EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. SKIN CONTACT: Immediately flush exposed area with water. Get immediate medical attention. INHALATION: Remove individual to fresh air. Get immediate medical attention. INGESTION: Do not induce vomiting. Dilute by giving water. Get immediate medical attention.

SECTION 4 PHYSIOLOGICAL EFFECTS

PRIMARY ROUTE(S) OF ENTRY INTO BODY: Skin contact, Inhalation, Ingestion.

ACUTE EFFECTS: Eyes: Redness, burning, watering. Skin: Redness, burning, irritation. Inhalation: Irritation, burning, coughing. Ingestion: Burning sensation, nausea.

CHRONIC EFFECTS: None known.

SECTION 5 OCCUPATION CONTROL PROCEDURES

VENTILATION: Local exhaust.

PERSONAL PROTECTION:

Respirator type: None required if concentration is below TLV/PEL. Otherwise use NIOSH approved CCROV or better respirator.

Gloves: Chemical resistant gloves recommended.

Eye Protection: Chemical splash goggles.

SECTION 6 PHYSICAL DATA

Appearance/odor: Clear orange / citrus

Physical state: Liquid

Boiling Point: 212⁰ F

Freeze Point: 30⁰ F

Specific Gravity: 1.15

pH concentrate: 2.1 - 3.5

Solubility in water: Complete

Vapor pressure: N/A

Vapor density (air=1): N/A

Evaporation rate (water = 1): N/A

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SECTION 7 FIRE & EXPLOSION DATA

Flash point: None.

Method: T.C.C.

Flammable (explosive) limits in air: N/A.

Suitable extinguishing media: Water / foam.

Hazardous combustion bi-products: None.

Recommended fire fighting procedures: Firefighters should wear waterproof protective clothing.

Unusual fire & explosive hazards: None.

SECTION 8 REACTIVITY DATA

Stability: Stable.

Conditions to avoid: None known..

Hazardous decomposition products: Carbon monoxide.

Hazardous polymerization: Will not occur.

Incompatibility:

Material to avoid: Strong alkalines.

Corrosive action on material: Metals.

SECTION 9 STORAGE & HANDLING PRECAUTIONS

Storage: Store at temperatures below 120° F. Do not allow to freeze.

Handling: Wear proper gloves, boots, eye and face protection when handling.

Precautionary labeling: Corrosive.

SECTION 10 ENVIRONMENTAL INFORMATION

Spill or leak procedures:

Small spill/leak: Collect solution in containers for disposal.

Large spill/leak: Collect solution in containers for disposal.

Spill reportable quantity: N/A

Waste disposal method: Consign to waste facility approved by federal, state, and local regulations.

RCRA or appropriate waste classification: N/A.

Procedures for handling empty containers: Rinse.

Environmental toxicity data: Surfactants are biodegradable.

Other regulatory controls:

Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as:

Toxic pollutant? No.

Hazardous substance (SECTION 302)? NO.

If yes, reportable quantity (R.Q.). N/A.

Is material classified under the CLEAN AIR ACT (USA) or appropriate CLEAN AIR regulations as:

Hazardous air pollutant (SECTION 12)? No.

SECTION 11 PRODUCT IDENTIFICATION

Indicate country/regulatory agency which specifies requirements: USA-DOT/ IMO

Proper shipping name: COMPOUND, CLEANING, LIQUID (not regulated)

Hazard class: N/A

Identification number: N/A

Packing Group: N/A

Labels required: Product

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