

Ω Omega Chemical Corp. Ω1. Identification:

Product Identity: **AB-55 Aluminum Brightener**
 Recommended Use: Water-Based Vehicle Cleaner
 Producer/Distributor: Omega Chemical Corp.
 322 Mitchell Blvd.
 Weatherford, TX 76087

Telephone Number for Information: 219-208-0500
 Emergency Telephone Number: 219-208-0500

2. Hazard Identification:

Classification:

Health ClassPhysical ClassEnvironment Class

Acute Toxicity Category 5
 Skin Corrosion Category 1
 Serious Eye Damage Category 1
 Reproductive Toxicity Category 2
 Specific Target Organ Toxicity Category 2

Label

Symbols

Signal Word

Danger

Hazard Statements:

May be harmful if swallowed.
 Causes severe skin burns and eye damage.
 Suspected of damaging fertility or the unborn child.
 May cause damage to organs (central nervous system, kidneys).

Precautionary Statements:

Do not breathe dusts or mists.
 Wash hands thoroughly after handling.
 Wear protective clothing/eye protection.
 Do not handle until all safety precautions have been read and understood.
 Do not eat, drink, or smoke when using this product.
 Call a doctor if you feel unwell.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.
If exposed or concerned: Get medical attention.
Store locked up.
Dispose of contents in accordance with local regulations

3. Composition/Information on Ingredients

	CAS Number	Percent by Weight
Sulfuric Acid, H ₂ SO ₄	7664-93-9	
Hydrofluoric Acid, HF	7664-39-3	
(Non-Hazardous: Builders, Ionic and Non-ionic surfactants)		

4. First-Aid Measures:

Ingestion: If Swallowed: If person can swallow, give several glasses of water. Do not induce vomiting. Obtain immediate medical attention.
Eye Contact: Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.
Inhalation: Move to fresh air.

5. Fire Fighting Measures:

Suitable Extinguishing Media:	Not Applicable
Special Fire fighting Procedures:	Not Applicable
Unusual Fire and Explosion Hazards	None are known

6. Accidental release Measures:

Dike and contain spill with inert material (sand, earth, etc.). Collect spill with a mop, absorbent material (example: floor-dry) or vacuum.

7. Handling and Storage:

Handling: Keep from freezing. Keep out of reach of children.
Storage: Normal care for storage.

8. Exposure Controls/Personal Protection:

Exposure Limit:	Ingredients	CAS Number	Osha PEL	ACGIH TLV
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Exposure Controls:

Engineering Controls: Normal good ventilation is sufficient.

Personal Protective Equipment:

Eye Protection: Approved Safety Goggles or Glasses, Face Shield

Skin Protection: chemical Resistant Rubber Gloves

Respiratory Protection: Not Required, Dust/Mist Mask recommended when spraying cleaning solutions.

9. Physical and Chemical Properties:

Physical State: Liquid	pH: 1
Appearance: Red	Specific Gravity (H ₂ O = 1) 1.048
Odor: Acrid	Flammability: None
Solubility: Complete	Flash Point: None
Evaporation Rate: NA	Boiling point:>212 ° (100°C)
Vapor Pressure (MM HG): 5-15	% volatile: 60 - 100%
Vapor Density (Air = 1): Evaporation rate <1	Weight: 550 lbs.

10. Stability and reactivity:

Chemical Stability: Stable

Possibility of Hazardous Reactions: None are known
Incompatibility (Materials to Avoid): None are known
Hazardous Decomposition or By-Products: None
Hazardous Polymerization: Will not Occur
Conditions to Avoid: None are known

11. Toxicological Information:

Signs and Symptoms of Overexposure: Eye Contact: Possible burning, tearing, redness and corneal damage.
Skin Contact: Possible slippery feeling, redness, swelling and burns.
Symptoms may be delayed.

Acute Effects:

Eye Contact: Severe eye damage can result from direct contact.
Skin contact: Causes severe skin burns.
Inhalation: None known
Ingestion: May be harmful if swallowed.

Target Organ Effects: Skin, Eyes, Central Nervous System, Kidneys and Suspected of damaging fertility or the unborn child.

Chronic Effects: Overexposure to Dipropylene Glycol Methyl Ether has been found to affect the Liver and Kidneys.

Acute Toxicity Values:

Oral LD₅₀ = 2000 - 5000 mg/kg

Dermal LD₅₀ = 2000 - 5000 mg/kg

Inhalation (Vapor) LC₅₀ = 20 -50 mg/l

Treat burns with Calcium Gluconate; Flush for 30 minutes & seek medical care.

12. Ecological Information:

Persistence and Degradability:	Not Available
Bio Accumulative Potential:	Not Available
Mobility in Soil:	Not Available
Aquatic Toxicity:	Not Available.

13. Disposal considerations:

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be neutralized and disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations. ALWAYS CHECK ALL APPLICABLE REGULATIONS CAREFULLY.

14. Transportation Information:

UN Number: UN2922
Corrosive Liquids, Toxic, N.O.S. (Contains Hydrofluoric Acid, Sulfuric Acid), 8 (6.1), PG II
Shipping Name: Corrosive, liquid, basic, inorganic, N.O.S
Transport Hazard Class: 8
Packing Group: II
Marine Pollutant: NO

15. Regulatory Information:

TSCA Status: All hazardous ingredients listed
Clean Water Act: None of the chemicals in this product are listed under the CWA.
Clean Air Act: None of the chemicals in this product are listed under the CAA
CERCLA Reportable Quantity: None
SARA Title III Information:

Section 302 Extremely Hazardous Chemicals: None Listed
Section 311/312 Hazard Category: Immediate Health
Section 313 Toxic Chemicals: None Listed

State Regulations: None known. Always check for state in which used.

16. Other Information:

Prepared by Omega Chemical Corp., 1/25/16

Telephone No.: 219-208-0500

Supersedes all previous SDS & MSDS

The information contained herein is based on data considered accurate; however no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. The company assumes no responsibility for personal injury or property damage to vendors, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the products.



Health	3
Flammability	0
Physical hazards	2