

MATERIAL SAFETY DATA SHEET						
SECTION 1 - PRODUCT SOURCE AND IDENTITY						
Supplier identity and address			Product description:		Date: Nov. 7, 2007	
Storm Clean, Inc P. O. Box 1737 Hollister, CA 95023			Name: Aluminum Brightener Purpose: Helps restore shine to dull aluminum. Proprietary Formula Code: SCI AB			
Fax Telephone number: 831-636-3326			Product information:		408-590-5920	
SECTION 2 - SHIPPING CLASSIFICATION						
Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number						
Corrosive liquids, toxic, n.o.s., Class 8, UN2922, PG II, (Sulfuric acid, ammonium bifluoride) ERG 154						
Labels required per 49 CFR 172.101:			Corrosive, Toxic			
Size for "Limited quantity" per 49 CFR 173.150-.155:			1 liter max, in 66# max. container			
Reportable Quantity ("RQ") per 49 CFR 172.101:			None or not possible in one non-bulk package			
SECTION 3 - SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION						
Reporting required by Title III Sec 313, 40CFR 372, 29CFR 1910.1200 Exposure Limit Values						
CAS#	313	Material or Component	%	RQ#	TWA	STEL
7664-93-9	Yes	Sulfuric acid	<20	1000	1 mg/m ³	3 mg/m ³
1341-49-7	No	Ammonium Hydrogen Fluoride	<15	None	Not established	
7664-39-3	Yes	ACGIH rating Hydrogen Fluoride as F (BEI)			STEL C 3 ppm	
BEI indicates that a Biological Exposure Limit exists for this material.						
No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2007" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.						
Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.						
Emergency overview: Acid, toxic liquid. Follow label directions. Avoid contact with skin and eyes. Flush from skin immediately as damage is initially painless. Keep containers covered.						
Hazard Categories:		Health	Fire	Pressure	Reactivity	Reference 49CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate		Yes	No	No	No	
Delayed		Yes	No	XXX	XXX	
HMIS Hazard Ratings: Health 3 Fire 0 Instability 0 Other D (Face mask, gloves, apron)						
NFPA 704 Hazard Ratings: Health 3 Flammability 0 Reactivity 0 Special Cor						
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4						
Note: HMIS and NFPA ratings are subjective evaluations of hazards and can differ between preparers. They are intended and useful only as a rapid approximation of the hazards rated.						
Threshold limit value: Not established on product.						
TOSCA Status: All ingredients listed				CERCLA RQ: See Sec 2.		
California Prop. 65: None						
SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES						
Appearance:		Thin colorless liquid		Flash point deg. F (cc):		None
Odor:		Characteristic		Initial boiling point deg. C:		ND
Specific gravity:		>1		Vapor pressure 20 deg C:		ND
pH reaction:		Acid		Freezing point deg. C:		ND
% phosphorous:		None		Solubility in water:		100%
VOC content:		None				
California Rule 102 (66): Contains no photochemically active materials.						
Reproductive implications:		None				
Ingredients on cancer lists:		None				

SECTION 5 - SAFE HANDLING AND STORAGE

General	Avoid contact with eyes and skin. Wash off immediately after contact. Do not breathe mists. Keep lid on containers when not in use. Do not store in metal container. Avoid contact with glass.
Protective equipment	
Eyes	Safety (plastic) glasses or goggles should be worn if there is possibility of eye contact.
Skin	Impermeable gloves and apron such as rubber, PVC or neoprene are recommended.
Respiratory protection	None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for acid mists.
Ventilation	As required for worker comfort.
Other	None

SECTION 6- HEALTH SAFETY DATA

Effects of chronic over exposure	
Eyes	None.
Skin	Can cause irritation from defatting the skin.
Inhalation	Mists may be irritating to breathing passages.
Ingestion	Not a likely source of chronic exposure.

SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA

Explosive limits	Flash point:	See Sec 4
Lower None	Upper None	Conditions to avoid: Unintentional contact with metals
Chemical stability	Stable	Hazardous decomposition products Hydrofluoric acid and sulfuric acid fumes produced on heating.
Hazardous polymerization	Cannot occur	Incompatibility: Alkaline materials, metals., glass.

SECTION 8- EMERGENCY RESPONSE PROCEDURES

Fire	Extinguishing media	Use media appropriate to source of fire.
	Unusual hazards	Acid fumes produced on heating.
First Aid	Eyes	Flush with water for at least 15 min. Seek medical attention.
	Skin	Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.
	Inhalation	If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.
	Ingestion	Dilute by giving large amounts of water or milk. Get medical attention. Do not induce vomiting.
Spills	Small / large spill	Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways.

Product as made has the characteristic of corrosivity, like " Unlisted Hazardous Waste D002", RQ 100#.

Note: After use, the combined wash and rinse water may no longer be corrosive.

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