

MATERIAL SAFETY**DATA SHEET****HAZARD RATINGS**

HEALTH	2	0=least
FLAMMABILITY	0	1=slight
REACTIVITY	1	2=moderate
		3=high
		4=extreme

I. PRODUCT IDENTIFICATION:

Prepared for: Visual Pollution Tech, Inc. Chem Info Phone 480-657-9183
 Address: P.O. Box 12833 General Info 480-657-9183
 Scottsdale, AZ 85267 Chem Emergency 800-255-3924
 Date Prepared 8/31/94
 Product Name: Aluminum Cleaner Preparer: T.W.Smoot
 Product Code: 676

II. HAZARDOUS INGREDIENTS:

	CAS.#	OSHA/PEL	TLV	STEL	MAX.%
Gluconic Acid	526-95-4	NE	NE	NE	5.0
PG Monomethyl Ether	107-98-2	NE	100ppm	150ppm	3.0
Oxalic Acid	144-62-7		1mg/M3	2mg/M3	10.0

III. HEALTH HAZARD INFORMATION:

Routes Of Entry: Inhalation Ingestion X Skin X Eyes
 Effects of Over Exposure: EYE CONTACT: Corrosive, can cause damage if not rinsed quickly.
 SKIN CONTACT: Corrosive, can cause reddening, irritation
 INHALATION: May be irritant. INGESTION: Not known. Oxalic Acid is considered poisonous.

IV. EMERGENCY FIRST AID:

INGESTION: Get medical help at once. INHALATION: Remove to fresh air.
 EYE CONTACT: Flush with water for at least 15 minutes, get medical help if irritation persists.
 SKIN: Wash well with soap & water.

V. FIRE & EXPLOSION DATA:

Flash Point: Non-Flammable Test Methods: T.C.C.
 Flammability Limits In Air,% by Vol.: NA Lower:NA Upper
 Extinguishing Media: Water fog, carbon dioxide, foam. Special Fire Fighting Procedures: None.
 Unusual Fire Fighting Hazard: None.

VI. ACCIDENTAL RELEASE MEASURES:

Dam up and neutralize with weak alkaline materials, soda ash.

VII. HANDLING & STORAGE:

Keep container closed when not in use.

VIII. EXPOSURE CONTROL/PROTECTION:

Wear chemically resistant gloves and face shield. Work in well ventilated area.

IX. PHYSICAL DATA:

Boiling Point: >200F ph, neat: 2.3 to 3.3 Specific Gravity,(HOH=1):1.09 ph,1% Sol.: ND
 Vapor Pres.: MMHg@20C NA Solubility: Soluble
 Vapor Density(Air=1): NA Evaporation Rate: ND
 % Volatiles/volume: NA Description/odor: Pale yellow liquid with mild odor.

X. TOXICOLOGICAL INFORMATION:

Oxalic Acid considered poisonous when taken internally.

XI. ECOLOGICAL INFORMATION:

ND as acidic solution with a poisonous component,do not allow to go to public water.

XII. DISPOSAL INFORMATION:

Dispose of according to Local, State & Federal Regulations. Neutralized material should be sewerred.

XIII. TRANSPORT INFORMATION:

DOT HAZARD CLASSIFICATION: Corrosive Compound,Liquid.n.o.s.

XIV. REGULATORY INFORMATION:

List OSHA Air Contaminants, 29 CFR 1910.1000

XV. ADDITIONAL INFORMATION: NA