

Material Safety Data Sheet

Date last reviewed: January 1, 2008

I. General Information

Chemical Name & Synonyms Proprietary Mixture	Trade Name & Synonyms Safe n' Easy Architectural Cleaner/Restorer
Chemical Family Amine Solution	Formula Mixture
Proper DOT Shipping Name Not Regulated	DOT Hazard Classification N/A
Manufactured for: Dumond Chemicals, Inc.	Information Phone Number (212) 869-6350
Address 1501 Broadway, New York, NY 10036	Emergency Number: (800) 535-5053 (Infor Trac)

II. Ingredients

Principal Hazardous Components	CAS #	Percent	OSHA PEL	ACGIH TLV
Tetrasodium EDTA	64.02-8	1-10	None Established	None Established
Nonionic surfactant - alkylphenol ethoxylate	9016-45-9	1-10	None Established	None Established
Monoethanolamine	141-43-5	5-10	3 ppm TWA	3 ppm TWA 6 ppm STEL
2-Butoxyethanol	111-76-2	5-15	50 ppm (skin) TWA	20 ppm (skin) TWA
Trisodium Nitrilotriacetate	5064-31-3	<1	None Established	None Established

SARA 313: This product contains no chemicals that are regulated under SARA Title III, section 313.

III. Physical Data

Boiling Point (°F) Not available	Specific Gravity (H ₂ O =1) Approximately 1
Vapor Pressure (mm Hg) Not available	Percent Volatile by Volume (%) Not determined
Vapor Density (Air=1) Not available	Evaporation Rate (Butyl Acetate =1) Same as water
Solubility in Water Complete	pH Not available
Appearance & Odor Green liquid with a citrus odor.	

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) None	Autoignition Temperature None		
Flammable Limits None	LEL N/A	UEL N/A	
Extinguishing Media This material is not combustible. Use media appropriate for the surrounding fire.			
Special Fire Fighting Procedures Wear full emergency equipment and NIOSH approved positive pressure SCBA. Cool containers with water.			
Unusual Fire & Explosion Hazards Thermal decomposition may yield irritating or toxic gases.			
HMIS Ratings	Health: 2*	Flammability: 0	Reactivity: 0

V. Health Hazard Data

OSHA Permissible Exposure Limit See Section II	ACGIH Threshold Limit Value See Section II
Carcinogen - NTP Program Yes; Trisodium Nitrilotriacetate, Group 2	Carcinogen - IARC Yes; Trisodium Nitrilotriacetate, Group 2B
Symptoms of Exposure <u>Acute Effects:</u> Eyes: Contact may cause severe irritation with redness, pain and blurred vision. Skin: May cause irritation. Widespread or prolonged contact may allow 2-butoxyethanol and monoethanolamine to be absorbed through the skin. Inhalation: Mists and vapors may cause respiratory irritation and central nervous system effects including headache, dizziness, drowsiness, intoxication or narcosis. Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea. Large amounts may cause central nervous system effects including headache, dizziness, drowsiness, weakness, intoxication, narcosis, metabolic acidosis and kidney, liver or blood system damage. <u>Chronic Effects:</u> Prolonged or repeated exposure may cause severe irritation or dermatitis and damage to the kidneys, liver and blood system.	
Medical Conditions Aggravated By Exposure: Individuals with chronic respiratory, skin, kidney or liver disorders.	
Primary Route(s) of Entry: Eye, skin, inhalation, ingestion	
Emergency First Aid Eye: Immediately flush with water for 15 minutes. Get immediate medical attention. Skin: Wash thoroughly with soap and water. Remove contaminated clothing. Get medical attention. Inhalation: Remove to fresh air. Restore breathing. Get medical attention. Ingestion: If conscious, give 1-2 glasses of water to dilute. Do not induce vomiting unless instructed by medical personnel. Get immediate medical attention.	

IV. Reactivity Data

Stability	X	Unstable Stable	Conditions to Avoid Contact with copper, aluminum and zinc may release flammable hydrogen gas.
Incompatibility Avoid oxidizing agents, alkalis, acids, acetic anhydride, acrolein, acrylonitrile, epichlorohydrin, methyl cellosolve, oleum, vinyl acetate, lime, ammonia, organic amines, chlorates and sodium hydroxide.			
Hazardous Polymerization	X	May Occur Will Not Occur	Conditions to Avoid N/A
Hazardous Decomposition Thermal decomposition may yield carbon dioxide, carbon monoxide and nitrogen oxides.			

VII. Environmental Protection Procedures

Spill Response Wear appropriate protective clothing and equipment. Dike spill and collect with an inert absorbent. Place into a closable container for disposal. Prevent spill from entering sewers and waterways. Wash spill area with water.
Waste Disposal Method Dispose of in accordance with all state, local and federal regulations.

VIII. Special Protection Information

Eye Protection Wear chemical safety goggles to prevent eye contact.	Skin Protection Neoprene, nitrile or butyl rubber gloves to prevent skin contact.
Respiratory Protection (Specific Type) For spray application and for large jobs, use a NIOSH approved organic vapor respirator with a particulate pre-filter.	Ventilation Recommended If exposure limits are excessive, local exhaust may be required.
Other Protection For operations where contact can occur, a safety shower and an eye wash facility should be available.	

IX. Special Precautions

Hygienic Practices in Handling & Storage Store in a cool, well ventilated area. Do not store in copper or aluminum containers. Keep container tightly closed.
Work Practices Avoid eye and skin contact. Avoid breathing vapors or mists. Use with adequate ventilation.
Other Precautions Use only with appropriate protective equipment. Wash thoroughly after use.