

# Material Safety Data Sheet

Date last reviewed: January 1, 2008

## I. General Information

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

## II. Ingredients

Principal Hazardous Components	CAS #	Percent	OSHA PEL	ACGIH TLV
Tetrasodium EDTA	64.02-8	10-20	None Established	None Established
Nonionic surfactant - alkylphenol ethoxylate	9016-45-9	1-5	None Established	None Established
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) <b>224</b>	Specific Gravity (H <sub>2</sub> O =1) <b>Approximately 1.18</b>
Vapor Pressure (mm Hg) <b>760 mm Hg @ 107°C</b>	Percent Volatile by Volume (%) <b>Not determined</b>
Vapor Density (Air=1) <b>Not available</b>	Evaporation Rate (Butyl Acetate =1) <b>Same as water</b>
Solubility in Water <b>Miscible</b>	pH <b>Not determined</b>
Appearance & Odor <b>Clear gel with no odor. When the product is applied, ammonia is released which has a pungent odor.</b>	

## IV. Fire & Explosion Hazard Data

Flash Point (Test Method) <b>None</b>	Autoignition Temperature <b>None</b>		
Flammable Limits <b>None</b>	LEL <b>N/A</b>	UEL <b>N/A</b>	
Extinguishing Media <b>This material is not combustible. Use media appropriate for the surrounding fire.</b>			
Special Fire Fighting Procedures <b>Wear full emergency equipment and NIOSH approved positive pressure SCBA. Cool containers with water.</b>			
Unusual Fire & Explosion Hazards <b>Not considered a fire or an explosion hazard.</b>			
HMIS Ratings	Health: 1	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 with redness and swelling especially on prolonged contact. Inhalation: Mists and vapors may cause respiratory irritation with coughing or sneezing. Ingestion: Swallowing small amounts may not be harmful. Large amounts may cause gastrointestinal irritation and osmotic balance from chelation of metals in the body.	
<u>Chronic Effects:</u> Prolonged or repeated exposure may cause skin irritation with redness and swelling.	
Medical Conditions Aggravated By Exposure: Individuals with chronic respiratory or skin disease.	
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 None known.
Incompatibility Avoid oxidizing agents. Contact with aluminum and zinc may release flammable hydrogen gas.			
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 containers 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 safety glasses with sideshields or chemical safety goggles.	Skin Protection Neoprene rubber gloves to prevent skin contact.
Respiratory Protection (Specific Type) For large jobs or spray applications, a NIOSH approved particulate respirator may be required.	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. Store only in stainless steel, polyethylene or plastic lined 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.