

MATERIAL SAFETY DATA SHEET

(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable
Not Est. = Not Established
Prop. = Proprietary

SECTION 1 - MANUFACTURER / DISTRIBUTOR INFORMATION

Product Name: SUPER MARVEL Alkaline Cleaner Aluminum Brightener
Supplier's Name: National Chemical Laboratories of PA, Inc.
Supplier's Address: 401 N. 10th Street · Philadelphia PA 19123
HMIS Hazard Code: Health: 2 Flammability: 0 Reactivity: 0 Other: 0
Chemical Family: Alkaline Detergent
D.O.T. Shipping Name: CORROSIVE LIQUID n.o.s. (contains potassium hydroxide)

Product #: 1465
Emergency Phone #: CHEM-TEL (800) 255-3924
Chemical Name: N.A. Proprietary Blend
Formula: N.A. Blended Product
Hazard Class: 8 **D.O.T. ID#:** UN1760

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% Concentration Range	Hazard Ratings (TLV/PEL)
(Ethylene Dinitrilo) Tetra-Acetic Acid Tetrasodium Salt	64-02-8	PROP.	Not Est.
Potassium Hydroxide	1310-58-3	PROP.	2 mg/m ³
2-(2-Butoxyethoxy) Ethanol	112-34-5	PROP.	Not Est.
Nitrous Acid, Sodium Salt	7632-00-0	PROP.	80 mg/kg (LD50 Oral)

SECTION 3 - PHYSICAL DATA

Boiling Point (°F): 212
Vapor Pressure: = To Water
Vapor Density: = To Water
Solubility in Water: Complete
Appearance: Thin, Clear, Colorless Liquid
Odor: Bland

Specific Gravity: 1.170
Evaporation Rate: = To Water

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (°F): None To Boiling (TOC)
Flammable Limits: Not Est.
Unusual Fire & Explosion Hazards: None

SECTION 5 - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: No Skin: Yes Ingestion: Yes **Threshold Limit Value:** Not Est.
Effects of Overexposure: Causes skin and eye irritation. Harmful if swallowed. Causes severe mucosal damage and gastric distress. may cause systemic intoxication.
Emergency & First Aid Procedures: **For Eyes:** Flush eyes with water for at least fifteen minutes. Seek medical attention. **For Skin:** Wash thoroughly with water and apply emollient creme. If irritation persists seek medical attention. **If ingested:** Do not induce vomiting. Give milk, egg white, gelatin, or large quantities of water. Seek immediate medical attention. Never give anything by mouth to an unconscious person.
Conditions Aggravated by Exposure: May aggravate existing dermatitis and irritate sensitive skin. May aggravate any pre-existing pulmonary condition.
Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount): None

SECTION 6 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
Incompatibility: Avoid contact with acids and oxidizers
Hazardous Decomposition Products: Carbon Oxides and Amines
Hazardous Polymerization: Will not occur.

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Recontainerize by mopping, wet vacuum, or using a suitable absorbent. Rinse remaining material to drains. Be cautious of slippery floors.
Waste Disposal Method: Follow local, state, and federal regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required
Ventilation: Local
Protective Gloves: Rubber or latex
Eye Protection: Goggles or safety glasses with side shields.
Other Protective Equipment: Rubber boots should be worn if working in standing solutions.

SECTION 9 - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store between 40°F and 120°F.
Other Precautions: Keep out of reach of children. For professional use only.

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Date Prepared – 10/05/00 By: G.C.