

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: TWISTER Mineral Deposit / Cement Film Remover
Supplier's Name: National Chemical Laboratories of PA, Inc.
Supplier's Address: 401 N. 10th Street · Philadelphia PA 19123
HMIS Hazard Code: Health: 1 Flammability: 1 Reactivity: 0 Other: 0
Chemical Family: Hard Surface Cleaner
D.O.T. Shipping Name: ORM-D

Product #: 2517
Emergency Phone #: CHEM-TEL (800) 255-3924
Chemical Name: N.A. Proprietary Blend
Formula: N.A. Blended Product
Hazard Class: N/A **D.O.T. ID#:** N/A

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% Concentration Range	Hazard Ratings (TLV/PEL)
*Hydrochloric Acid	7647-01-1	PROP.	5 ppm

* Components are reportable under SARA Title III

SECTION 3 - PHYSICAL DATA

Boiling Point (°F): 212
Vapor Pressure: = N/A
Vapor Density: = N/A
Solubility in Water: Complete
Appearance: Clear Liquid
Odor: Odorless

Specific Gravity: 1.130
Evaporation Rate (Butyl Acetate = 1): N/A
Melting Point: N/A

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (°F): None
Flammable Limits: N/A
Extinguishing Media: None necessary
Special Fire Fighting Procedures: Cool material with water spray.
Unusual Fire & Explosion Hazards: None

SECTION 5 - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes **Threshold Limit Value:** Not Est.
Emergency & First Aid Procedures: **Skin/Eye Contact:** Wash freely with soap and water for 15 minutes. Seek prompt medical attention, cover with moist magnesia or baking soda. **If ingested:** Seek immediate medical attention. Drink a teaspoonful or more of magnesia or chalk, wall plaster or small pieces of soap softened in milk or raw egg whites. Never give anything by mouth to an unconscious person. **Inhalation:** Move to another room. If irritation persists seek medical attention.
Health Hazards (acute or chronic): None known
Carcinogenicity: NTP? IARC Monographs ? OSHA Regulated? NA
Signs and Symptoms of Exposure: Large amounts of vapors will cause irritation to nose and throat.
Medical Conditions Generally Aggravated by Exposure: None known.

SECTION 6 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Do not mix with other chemicals.
Incompatibility: Keep away from oxidizing agents.
Hazardous Polymerization: Will not occur

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Flush with plenty of water or neutralize with soda ash.
Waste disposal method: Flush to nearest drain with water or in accordance with Government Regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required.
Ventilation: Local exhaust adequate. Special: None needed. Mechanical (general) adequate.
Protective Gloves: Recommended
Eye Protection: Recommended
Other Protective Equipment: N/A

SECTION 9 - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Avoid contact with skin or eyes. When storing, make sure containers are not too full. Under extremely hot conditions, allow room for expansion.
Other Precautions: Keep out of reach of children. For professional use only.

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Date Prepared – 05/17/05 By: G.C.