

# 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:** NCL-2 Rapid Action Stone Crystallizer  
**Supplier's Name:** National Chemical Laboratories of PA, Inc.  
**Supplier's Address:** 401 N. 10<sup>th</sup> Street · Philadelphia PA 19123  
**HMIS Hazard Code:** Health: 2 Flammability: 0 Phys Haz: 1  
**Chemical Family:** Blended Cleaner  
**D.O.T. Shipping Name:** For containers > 1 gallon: CORROSIVE LIQUID, TOXIC N.O.S. (FLUOROSILICATES), 8 (6.1), PG III, UN2922  
For containers <= 1 gallon: Consumer Commodity ORM-D (No Air-Freight)

**Product #:** 2529  
**Emergency Phone #:** CHEM-TEL (800) 255-3924  
**Chemical Name:** N.A. Proprietary Blend  
**Formula:** N.A. Blended Product

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% Concentration Range	Hazard Ratings (TLV/PEL)
*Phosphoric Acid	7664-38-2	PROP.	1 mg/m <sup>3</sup>
Magnesium Silico Fluoride	16949-65-8	PROP.	2.5 mg/m <sup>3</sup>

\* Components are reportable under SARA Title III

## SECTION 3 - PHYSICAL DATA

**Boiling Point (°F):** N/A  
**Vapor Pressure:** N/A  
**Vapor Density:** N/A  
**Solubility in Water:** Complete  
**Appearance:** Thin, opaque, pink  
**Odor:** Mild, Bland

**Specific Gravity:** 1.16 ± 0.02  
**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:** **For Eyes:** Flush eyes with water for at least fifteen minutes. If irritation persists seek medical attention. **If ingested:** Seek immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person. **For Skin:** Wipe off gently and immediately flood surface with water using soap freely. Then cover with moist baking soda or magnesia. If irritation persists seek medical attention. **Inhalation:** Move to fresh air, seek medical attention.  
**Health Hazards (acute or chronic):** Corrosive to skin and eyes.  
**Carcinogenicity:** NTP? IARC Monographs ? OSHA Regulated? NA  
**Signs and Symptoms of Exposure:** Corrosive to eyes and skin causing chemical burns, respiratory irritation and possible injury from breathing mist. May be fatal if large amounts are ingested.  
**Medical Conditions Generally Aggravated by Exposure:** None determined

## SECTION 6 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** N/A  
**Incompatibility:** Can react with metals to liberate flammable hydrogen  
**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 and slated lime.  
**Waste disposal method:** Dispose of in accordance with government regulations.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** NIOSH approved respirator for exposure exceeding limits cited in Section 2.  
**Ventilation:** Local exhaust adequate. Special: None needed. Mechanical (general) adequate.  
**Protective Gloves:** Water impervious such as latex, nitrile or neoprene.  
**Eye Protection:** Goggles or safety glasses with side shields.  
**Other Protective Equipment:** Face shield and rubber apron may be worn.  
**Work / Hygienic Practices:** Normal good housekeeping and manufacturing procedures.

## SECTION 9 - SPECIAL PRECAUTIONS

**Precautions to be taken in handling and storage:** Avoid contact with skin or eyes. Store in sealed container in cool dry location, in a well ventilated area.  
**Other Precautions:** None known. Keep out of reach of children. For Commercial and Industrial Use Only.

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the product's improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use or disposal of this product which may be covered by this MSDS. The user is responsible for full compliance.

Date Prepared – 04/23/13 By: J.B.