

**SECTION 1: PRODUCT INFORMATION**

Product Name RCS SPECIAL DESCALER  
 Manufacturer Crown Chemical, Inc. Address 4701 W. 136th St. Crestwood, IL 60445  
 Emergency Telephone Number (800) 535-5053

**SECTION 2: HAZARDOUS INGREDIENTS**

Chemical Name (Common Name)	CAS No.	%*	OSHA PEL	ACGIH TLV	SARA Title III Designation (%)**
Phosphoric Acid	7664-38-2		1 mg/m3 (TWA)	NE	Yes (30%)

\*Optional  
 \*\*Subject to Reporting Requirements Under Section 313 of SARA Title III and 40 CFR Part 372. Upper Bound Percentage by Weight Provided.  
 Ingredients Listed as Carcinogens or Potential Carcinogens: None Listing Source: None NTP IARC OSHA Animal Data

**SECTION 3: PHYSICAL CHARACTERISTICS**

Boiling Point >150 °F Specific Gravity (H2O=1) >1 Vapor Density (Air=1) >1 Vapor Pressure NE  
 pH (concentrate) <2.0 Solubility in Water 100% Evaporation Rate (H2O=1) <1  
 Appearance and Odor Light green liquid with characteristic odor.

**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**

Flash Point (TCC) >200 °F Flammable Limits NE Extinguishing Media NA Special Firefighting Procedures NA  
 Unusual Fire and Explosion Hazards None

**SECTION 5: REACTIVITY HAZARD DATA**

Stability 100% Incompatibilities Alkalis, halogens, ammonia, flammables, metals.  
 Hazardous Polymerization Will not occur Hazardous Decomposition By-Products None

**SECTION 6: HEALTH HAZARDS AND FIRST AID**

Primary Exposure Routes: X Eye X Skin X Inhalation None Ingestion  
 Acute Effects CORROSIVE. Contains Phosphoric Acid. Causes severe burns to skin and eyes. Dust or vapors cause irritation and/or burning to nasal passages and respiratory tract. Harmful or fatal if swallowed.  
 Chronic Effects Exposure may cause severe, permanent damage to eyes, skin and respiratory tract.  
 Medical Conditions Aggravated by Exposure None known  
 First Aid Procedures EYES: Flush immediately with copious amounts of water. Remove any contact lenses. Hold eyelid open and roll eyeball in all directions while flushing. Continue flushing for 15 minutes. Seek immediate medical attention. SKIN: Immediately flush affected area with large quantities of water. Continue flushing for 15 minutes. Seek medical attention if irritation persists. INGESTION: Rinse out mouth, then drink large quantities of water. Do not induce vomiting. Seek immediate medical attention. INHALATION: Remove person to fresh air. Seek medical attention. Never give anything by mouth to an unconscious person.

**SECTION 7: CONTROL AND PROTECTIVE MEASURES**

Respiratory Protection Vapor mask recommended to avoid breathing vapors. Protective Gloves Waterproof recommended.  
 Eye Protection Safety glasses recommended. Do not wear contact lenses while handling this product.  
 Other Protective Clothing and Equipment Rubber boots and a long-sleeved shirt where needed to prevent contact.  
 Hygienic Work Practices Avoid splashing. Never mix this product with other chemicals. Used in a well ventilated area.  
 Ventilation Local exhaust to keep exposure below any PEL and TLV limits listed above.

**SECTION 8: PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Followed if Spilled or Released Neutralize with water. Mop up, sweep up, or otherwise absorb. Hold for disposal.  
 Waste Disposal Methods Promptly dispose of empty containers by any method which complies with applicable laws.  
 Storage Requirements Keep out of reach of children. Store between 50-120°F. Store away from chlorine and alkalis.  
 Other Precautions or Special Hazards None known.

The information and recommendations contained herein are believed to be reliable, but are given without warranty or guarantee of any kind, express or implied. The hazards provided in this Material Safety Data Sheet apply to this product in its concentrated form, and may differ significantly after dilution.

Date Prepared: April 3, 1993

NIPCA Hazardous Materials Identification System

0 = Least  
 1 = Slight  
 2 = Moderate  
 3 = High  
 4 = Severe  
 NA = Not Applicable  
 NE = Not Established

**SHIPPING INFORMATION:**

Ground Cleaning Liquid, 8, NA 1760, PG III  
 Contains Phosphoric Acid  
 LIMITED QUANTITY (Gallon cases only)

HEALTH..... 3  
 FLAMMABILITY..... 0  
 REACTIVITY..... 1  
 PROTECTIVE EQUIPMENT..... H (See Section 7)