

## Product Information



# KRC-7®

## BATHROOM CLEANER/RESTORER ORIGINAL GEL FORMULA

### DESCRIPTION AND USES

KRC-7® is a specially formulated, cleaner/restorer for bathroom use, and other areas where the following surfaces are found. It will safely and effectively remove soap scum, hard water stains, rust, mineral deposits, grease, and other contaminants from non-slip tubs, ceramic, fiberglass, plastic, stainless, copper, brass, aluminum and glass surfaces. KRC-7 does not contain any bleach, abrasives, caustic, muriatic acid or petroleum distillates. KRC-7 is non-flammable and non-fuming.

### PREPARATION

For best results, test a solution of KRC-7 before general use. Following the directions on the bottle, apply KRC-7 onto surface and let stand for several minutes. Agitate surface using a brush, rinse thoroughly and allow to dry to determine compatibility and color fastness.

### APPLICATION

KRC-7 can be used full strength or diluted. After determining solution strength, apply directly onto the surface. Start application from the bottom and work up on vertical surfaces. Let solution stand for several minutes, depending on surface and contaminants, agitate and rinse thoroughly. A second application and/or longer dwell time might be needed on certain surfaces. Maintain surface with PROTECT Surface Guard.

### STORAGE AND SHELF LIFE

The shelf life for KRC-7 is indefinite in closed containers. Protect from freezing. Store in a cool, dry place away from incompatible materials. Please refer to material safety data sheet for additional information.

### PROPERTIES

Appearance	Yellow/Orange liquid
Odor	Wintergreen
Flash Point	None
pH	3.0 - 3.5
lbs/gallon	9.25 - 9.50

### PACKAGED

KRC-7 is available in pints (24/case), quarts (18/case), gallons (4/case), 5 gallon pails and 55 gallon drums.

### DISPOSAL

Use completely or dispose of properly. Local requirements vary. Consult your local sanitation department or state designated environmental agency.

### SAFETY AND HANDLING

Use only with adequate ventilation. Do not breathe spray mist. Ensure fresh air entry during application and drying. Avoid contact with eyes. Wear impervious gloves to protect skin. Close container after each use. Wash hands thoroughly with soap and water after handling. Never mix or use with other household cleaners or chemicals.

**FIRST AID:** In case of eye contact, flush with water for 15 minutes. Get prompt medical attention. In case of contact with skin, wash thoroughly with soap and water until all traces of residue are gone. If irritation persists, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.





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IN CASE OF SPILL: Absorb with inert material and dispose of properly.

KEEP OUT OF REACH OF CHILDREN. Refer to Material Safety Data Sheet available for further safety and handling information.

#### WARRANTY

Information and recommendations for this product are based on research performed by Chemique, Inc. and the research of others, and are believed to be accurate. However, no guarantee of the accuracy is made because we cannot cover every possible application of our products, or can we anticipate every variable that may be encountered regarding types masonry surfaces, job conditions, degradation, weathering, age and methods used. The purchaser and end user must make their own tests to determine the suitability of such products for each particular purpose.

Chemique, Inc. warrants this product to be free from defects. Chemique makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose. Chemique, Inc's liability shall be strictly limited to supplying sufficient product to re-clean the specific areas which defective product was applied. Acceptance and use of this product absolves Chemique, Inc. from any and all liability whatsoever, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be altered, modified or extended by representatives of Chemique, Inc., its distributors or dealers.



**MATERIAL SAFETY DATA SHEET**  
**KRC-7 Bathroom Cleaner & Restorer**

**SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION**

**Product Name:** KRC-7 Original Bathroom Cleaner & Restorer

**Manufacturer:**

Chemique, Inc.  
315 N. Washington Avenue  
Moorestown, NJ 08057  
(856) 235-4161

MSDS Date of Preparation: 02/22/12

**EMERGENCY PHONE:** 800-535-5053 (Infotrac)

**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS**

<b><u>INGREDIENTS</u></b>	<b><u>CAS#.</u></b>	<b><u>WT.%</u></b>
Glycolic Acid	79-14-1	5-10%
Sulfamic Acid	5329-14-6	5-10%
Surfactant	Proprietary	1-5%
Amorphous Silica fume	69012-64-2	1-5%
Non-hazardous Ingredients	NA	70-90%

**SECTION 3: HAZARDS IDENTIFICATION**

This product is a yellow, thickened gel with a cherry odor.

**EMERGENCY OVERVIEW**

**DANGER! Corrosive**

Causes severe eye irritation or burns with possible eye damage. Skin contact may cause severe irritation or burns. Vapors or mists may cause irritation to the eyes, mucous membranes and respiratory tract. Higher concentrations may cause severe irritation and pulmonary edema. May be harmful if swallowed. Ingestion may cause burns to the gastrointestinal tract, abdominal pain, nausea, vomiting and diarrhea.

**HEALTH HAZARDS:**

**INHALATION:** Mist and vapors may cause irritation to the eyes, mucous membranes and upper respiratory tract. High concentrations may cause severe irritation and pulmonary edema.

**SKIN CONTACT:** May cause severe irritation and possible burns with reddening and pain. Prolonged or repeated skin contact with diluted solutions or mists may cause dermatitis.

**EYE CONTACT:** Liquid or mists may cause severe irritation or burns, tearing and blurred vision. Permanent damage may occur.

**INGESTION:** May cause mucous membrane and gastrointestinal burns, abdominal pain, nausea, vomiting and diarrhea.

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**CHRONIC EFFECTS OF OVEREXPOSURE:** Repeated skin contact with diluted solutions or mists may cause dermatitis. Prolonged or exposure to glycolic acid may cause kidney damage.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Individuals with chronic respiratory, eye or skin diseases may be at increased risk from exposure to this material.

**SECTION 4 FIRST AID MEASURES**

**EYE CONTACT:** Immediately flush eyes with water for at least 20 minutes while lifting the upper and lower lids. Get immediate medical attention.

**SKIN CONTACT:** Flush with water for 10-15 minutes then wash skin with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if symptoms develops. .

**INHALATION:** Remove to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get immediate medical attention.

**INGESTION:** If conscious, rinse mouth with water then give 1 glass of water. DO NOT induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Get immediate medical attention.

**SECTION 5 FIRE FIGHTING MEASURES**

**FLASH POINT:** None

**METHOD:** N/A

**FLAMMABLE LIMITS:** (vol % in air)      LEL: Not applicable      UEL: Not applicable

**AUTOIGNITION TEMPERATURE:** Not established

**EXTINGUISHING MEDIA:** This material is not combustible. Use any media that is suitable for the surrounding fire.

**SPECIAL FIREFIGHTING PROCEDURES:** Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water spray or stream.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Thermal decomposition may produce ammonia and oxides of carbon, nitrogen and sulfur.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate protective clothing to prevent eye and skin contact. Neutralize with soda ash or sodium bicarbonate. Absorb with an inert material such as sand or vermiculite. Collect into closable containers for disposal. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities.

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**SECTION 7 HANDLING And STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Protect containers from physical damage. Store in a cool, well ventilated area away from bases and other incompatible materials.

Prevent eye and skin contact. Do not breathe mists or aerosols. Use only with appropriate protective equipment. Immediately remove and launder contaminated clothing before re-use. Wash thoroughly after handling and before eating, drinking, smoking or using toilet facilities.

**OTHER PRECAUTIONS:** Empty containers retain product residues. Follow all MSDS precautions in handling empty containers.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines:**

<b>INGREDIENTS</b>	<b>CAS#.</b>	<b>EXPOSURE LIMITS</b>
Glycolic Acid	79-14-1	None Established
Sulfamic Acid	5329-14-6	None Established
Surfactant	Proprietary	None Established
Non-hazardous Ingredients	NA	None Established

**RESPIRATORY PROTECTION:** Good general ventilation (equivalent to outdoors) should be adequate under normal conditions. For spray application or areas where exposures are excessive, a NIOSH approved dust/mist respirator should be used. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**VENTILATION:** Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If exposures are excessive increased mechanical ventilation such as local exhaust may be required.

**GLOVES:** Rubber or other impervious gloves are recommended.

**PROTECTIVE CLOTHING:** Impervious apron, boots and other clothing are recommended if needed to prevent contact or if splashing is possible.

**EYE PROTECTION:** Chemical safety goggles and face shield should be worn if splashing is possible. Do not wear contact lenses.

**OTHER PROTECTIVE EQUIPMENT:** For operations where contact can occur, a safety shower and an eye wash facility should be available.

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**SECTION 9 PHYSICAL and CHEMICAL PROPERTIES**

<b>BOILING POINT (@ 760 mmHg):</b> 212 °F/ 100 °C	<b>MELTING POINT:</b> Not available
<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b> 1.11	<b>VOLATILE:</b> <80%
<b>VAPOR PRESSURE (@ 60° C mm Hg):</b> Not determined	<b>pH:</b> 1.5 - 1.6
<b>VAPOR DENSITY (AIR=1):</b> Not determined	<b>SOLUBILITY IN WATER:</b> Complete
<b>EVAPORATION RATE (Butyl alcohol = 1):</b> Similar to water	
<b>COEFFICIENT OF WATER/OIL:</b> Not available	
<b>APPEARANCE AND ODOR:</b> Yellow gel with a cherry odor.	

**SECTION 10 STABILITY and REACTIVITY**

**STABILITY:** This material is stable.  
**CONDITIONS TO AVOID:** Not applicable.  
**INCOMPATIBILITY:** Avoid oxidizing agents, caustics and bases.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce ammonia and oxides of carbon, nitrogen and sulfur. Reacts with metals to form flammable hydrogen gas.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11 TOXICOLOGICAL INFORMATION**

**TOXICOLOGY DATA:** This product has not been tested as a whole. Toxicity values for the components are:

Glycolic Acid: Oral Rat LD50 1950 mg/kg  
Sulfamic Acid; Oral Rat LD50 3,160 mg/kg  
Surfactant: No data available

None of the components of this product is listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH or OSHA.

None of the components are known to cause mutagenicity.

None of the components are known to cause sensitization in animals or humans.

None of the components are known to cause adverse reproductive effects.

**SECTION 12: ECOLOGICAL INFORMATION**

No data is available on the product or the components.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Dispose in accordance with all local, state and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

**DOT SHIPPING NAME:** Corrosive liquid n.o.s. (glycolic acid, sulfamic acid)

**DOT HAZARD CLASSIFICATION:** Class 8, PGIII

**DOT LABELS REQUIRED (49CFR172.101):** Corrosive

**UN NUMBER:** UN1760

**SECTION 15: REGULATORY INFORMATION**

**OSHA HAZARD CLASSIFICATION:** Corrosive

**EPA SARA 302:** This product does not contain chemicals regulated under SARA Section 302.

**EPA SARA 311 HAZARD CLASSIFICATION:** Acute health, Chronic Health

**EPA SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313:

None

**CERCLA Hazardous Substances (Section 103)/RQ:** This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**TOXIC SUBSTANCES CONTROL ACT:** All of the components of this product are listed on the TSCA inventory.

**CALIFORNIA PROPOSITION 65:** This product contains the following chemicals known to the State of California to cause cancer or reproductive toxicity (birth defects): <0.09 ppm ethylene oxide(cancer, female reproductive toxicity).

**WHMIS CLASSIFICATION:** Class E - Corrosive

**SECTION 16: OTHER INFORMATION**

NFPA Rating:      Health: 3      Fire: 0      Reactivity: 0