

KRC-7® Bathroom Cleaner Original Gel Formula

Safety Data Sheet

Section 1. Identification

Product Name: KRC-7® Bathroom Cleaner Original Gel Formula

Recommended use: Bathroom cleaner

Restrictions on use: Use only as directed

Manufacturer Name: Chemique, Inc.
Address: 315 N. Washington Avenue
Moorestown, NJ 08057
Telephone number: (856) 235-4161

Emergency phone number: (800) 535-5053 (Infotrac)

Date of Preparation: November 5, 2014

Section 2. Hazard(s) Identification

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

Classification:

Physical	Health
Not hazardous	Skin Irritation Category 2 Eye Damage Category 1

Danger!



Hazard statement(s)

Causes skin irritation.
Causes serious eye damage.

Precautionary statement(s)

Wash thoroughly after handling.
Wear protective gloves and eye protection.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical attention.
Take off contaminated clothing and wash it before reuse
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor.

Section 3. Composition / Information on Ingredients

Chemical name	CAS No.	Concentration
Citric Acid	Mixture	1-10%
Sulfamic Acid	5329-14-6	1-5%
Glycolic Acid	79-14-1	1- <5%
Non-hazardous Ingredients	Mixture	70-90%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4. First-Aid Measures

Inhalation: Remove to fresh air. If irritation occurs or breathing is difficult, get medical attention.

Skin contact: Remove contaminated clothing. Wash skin with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation or symptoms develop.

Eye contact: Immediately flush eyes with water for at least 15 minutes while lifting the upper and lower lids. Get immediate medical attention.

Ingestion: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention.

Most important symptoms/effects, acute and delayed: Causes severe eye irritation or burns with possible damage. Skin contact may cause irritation. Mists or aerosols may cause irritation to mucous membranes and respiratory tract. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Indication of immediate medical attention and special treatment, if necessary: If eye contact occurs, get immediate medical attention

Section 5. Fire-Fighting Measures

Suitable (and unsuitable) extinguishing media: Use any media that is suitable for the surrounding fire.

Specific hazards arising from the chemical: Combustion may produce ammonia and oxides of carbon, nitrogen and sulfur.

Special protective equipment and precautions for fire-fighters: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool fire exposure containers with water.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing and equipment to prevent eye and skin contact.

Environmental precautions: Avoid release to the environment. Report spill as required by local and federal regulations.

Methods and materials for containment and cleaning up: Collect with an inert absorbent and place into an appropriate container for disposal. Wash spill site with water.

Section 7. Handling and Storage
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Precautions for safe handling: Prevent eye contact. Avoid contact with skin and clothing. Avoid breathing mists or aerosols. Use only with adequate ventilation. Wash thoroughly after handling.

Empty containers retain product residues. Follow all SDS precautions in handling empty containers.

Conditions for safe storage, including any incompatibilities: Protect containers from physical damage. Store in a cool, well ventilated area away from bases and other incompatible materials.

Section 8. Exposure Controls / Personal Protection

Exposure guidelines:

Chemical Name	Exposure Limit
Citric Acid	None Established
Sulfamic Acid	None Established
Glycolic Acid	None Established

Appropriate engineering controls: 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.

Personal Protective Equipment:

Respiratory protection: Good general ventilation (equivalent to outdoors) should be adequate under normal conditions. In 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.

Skin protection: Rubber or other impervious gloves are recommended to avoid skin contact.

Eye protection: Chemical safety goggles should be worn if splashing is possible. Do not wear contact lenses.

Other: For operations where contact can occur, an eye wash facility should be available.

Section 9. Physical and Chemical Properties
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Appearance (physical state, color, etc.): Yellow colored gel/liquid

Odor: Cherry Fragrance

Odor threshold: Not applicable	pH: 1.4-1.5
Melting point/freezing point: Not available	Boiling point: Not available
Flash point: Not flammable	Evaporation rate: Not available
Flammability (solid, gas): Not flammable	
Flammable limits: LEL: Not available	UEL: Not available
Vapor pressure: Not available	Vapor density: Not available
Relative density: 1.3	Solubility(ies): Soluble in water
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not available
Decomposition temperature: Not available	VOC: 15.6 g/L

Section 10. Stability and Reactivity

Reactivity: May react with metals.

Chemical stability: Stable.

Possibility of hazardous reactions: Reacts with metals to form flammable hydrogen gas.

Conditions to avoid: None known.

Incompatible materials: 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.

Section 11. Toxicological Information

Acute effects of exposure:

Inhalation: Mist and vapors may cause irritation to the eyes, mucous membranes and upper respiratory tract.

Skin Contact: May cause irritation with reddening and itching of the skin.

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 irritation, nausea, vomiting and diarrhea.

Chronic Effects: Repeated skin contact with diluted solutions or mists may cause dermatitis. Prolonged or exposure to glycolic acid may cause kidney damage.

Germ Cell Mutagenicity: None of the components have been shown to cause germ cell mutagenicity.

Reproductive Toxicity: None of the components have been shown to cause reproductive or developmental toxicity.

Carcinogenicity: None of the other components of this product are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

Acute toxicity values: Acute Toxicity Estimate for the product: Oral >3993.5 mg/kg; Inhalation 73.5 mg/L/4, dermal : >2000 mg/kg

Citric Acid: Oral rat LD50 5400 mg/kg, Dermal rat LD50 >2000 mg/kg

Sulfamic Acid: Dermal rat LD50 > 2000 mg/kg

Glycolic Acid: Oral rat LD50 2040 mg/kg; Inhalation rat LC50 3.6 mg/L/4 hr

Section 12. Ecological Information

Ecotoxicity values:

Citric Acid: 96 hr LC50 Pimephales promelas > 100 mg/L, 24 hr LC50 daphnia magna 1535 mg/L

Sulfamic Acid: 96 hr LC50 Pimephales promelas 70.3 mg/L; 48 hr EC50 daphnia magna 71.6 mg/L; 72 hr EC50 Desmodemus subspicatus 48 mg/L

Glycolic Acid: 96 hr LC50 Pimephales promelas 164 mg/L; 48 hr EC50 daphnia magna 141 mg/L; 72 hr EC50

Pseudokirchnerella subcapitata 22.5 mg/L

Persistence and degradability: Glycolic acid and citric acid are readily biodegradable.

Bioaccumulative potential: Glycolic acid has a calculated BCF of 3.2. Citric acid has a BCF of 3.

Mobility in soil: Glycolic acid and citric acid are expected to be highly mobile in soil.

Other adverse effects: None known.

Section 13. Disposal Considerations

Dispose in accordance with all local, state and federal regulations.

Section 14. Transport Information

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not regulated			None
TDG		Not Regulated			None

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known

Section 15. Regulatory Information

Safety, health, and environmental regulations specific for the product in question.

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.

SARA Hazard Category (311/312): Acute Health

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None

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).

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

CANADA:

Canadian WHMIS Classification: Class D, Division 2B (toxic material causing other toxic effects)

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

Section 16. Other Information

SDS Revision History: Converted GHS format. All sections revised.

Date of preparation: November 5, 2014

Date of last revision: March 5, 2014