



Organic Bath & Tile Heavy Duty Bathroom Cleaner

DESCRIPTION

A ready to use, organic acid fortified, heavy-duty multi-purpose bathroom cleaner that is specially designed to address the environmental, safety and health concerns facing today's housekeeping professional. Readily biodegradable, this product will not accumulate in the environment and will not contribute to waste treatment plant sludge. Cleans away soap scum, hard water deposits, rust stains, body oils, fats and dirt. Can be used to clean most surfaces such as plexiglas, walls, tubs, showers, toilet bowls and urinals. It is especially effective on removing difficult stains from ceramic tile floors and grouting.

This organic acid ready to use restroom cleaner is formulated with a rain clean fragrance.

DIRECTIONS

General Cleaning:

1. Simply spray onto surface to be cleaned.
2. Allow 3 – 4 minutes for cleaner to penetrate.
3. Wipe with damp sponge and rinse well.

Do not mix with bleach.



PRODUCT SPECIFICATIONS

| | | | |
|--------------------|------------|-------------------------------|----------------------|
| Color: | Green | Biodegradability: | Complete |
| Fragrance: | Rain clean | Solubility: | Complete with water |
| pH: | 3.0 – 5.0 | Flash Point: | None |
| Viscosity: | Water thin | Storage/Stability: | 1 year |
| Foam: | Moderate | Freeze/Thaw Stability: | Keep from freezing |
| Detergency: | Excellent | Weight Per Gallon: | 8.39 lbs. per gallon |

KARNAK CORPORATION

330 Central Avenue
Clark, NJ. 07066

www.karnakcorp.com

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Heavy Duty Bathroom Cleaner
Organic Acid Restroom Cleaner
Generic Name: Bathroom Cleaner
Chemical Family: Detergent/solvent blend
Formula: Proprietary

Supplier's Name: **KARNAK CORPORATION**
Supplier's Address: 330 Central Avenue
 Clark, NJ. 07066
Supplier's Phone #:

SECTION 2-INGREDIENT INFORMATION

| CHEMICAL NAME | CAS NO. | WT. % | PEL | TWA-TLV | STEL-TLV |
|--------------------------------|------------|--------|-----|---------|----------|
| Water | 7732-18-5 | to 100 | | | |
| Glycolic Acid | 79-14-1 | 0 to 5 | | | |
| Alkyl Polyglucoside | 68515-73-1 | 0 to 5 | | | |
| Propylene Glycol n-butyl Ether | 5131-66-8 | 0 to 5 | | | |
| Fragrance | N/A | <0.5 | | | |
| Dye | N/A | <0.1 | | | |

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212° F.
Vapor Pressure: 20mm Hg @68°F.
% Volatile: 80+
Solubility in Water: Complete
Physical Description: Thin green liquid with characteristic odor
VOC Content: 0.9% by weight

Specific Gravity: 1.010
Vapor Density (Air=1): >1
pH: 3.0 - 5.0
Evaporation Rate (Water=1): >1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None
Upper Explosion Limit: N/A
Lower Explosion Limit: N/A
Extinguishing Media: Dry chemical, CO₂ or water
Special Firefighting Procedures: Keep fire exposed containers cool with water stream.
Unusual Fire and Explosion Hazards: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable

Hazards Decomposition Products: Not Known

Hazardous Polymerization: None

Incompatibility (Materials to Avoid): Strong Alkalies, Chlorine

SECTION 6-STORAGE AND HANDLING INFORMATION

Eye irritant. Skin irritant with prolonged or repeated contact. Keep out of reach of children. For use by trained personnel only. Wear protective gloves and eyewear when handling. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors or mists. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:

Skin: Irritation with prolonged or repeated contact (dryness, redness)

Eyes: Eye irritant. May cause conjunctivitis, redness, swelling, tearing, possible corneal damage.

Inhalation: Mists are irritating to mucous membranes in the nose, throat, and lungs.

Ingestion: Irritating to the mouth and throat. May cause headache, nausea, abdominal pain.

First Aid Procedures:

Skin: Flush with water. Seek medical attention if irritation persists.

Eyes: Immediately flush with large quantities of water, holding eyelids open. Seek medical attention immediately.

Inhalation: Get to fresh air. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements

Ventilation Requirements: Provide mechanical exhaust when misting of product is present.

Protective Gloves: Rubber or other chemical resistant.

Eye Protection: Safety glasses or chemical splash goggles.

Other Protective Equipment: Eyewash station nearby.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Ventilate area well. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.

Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:

No - Fire Hazard

No - Sudden Release of Pressure Hazard

No - Reactivity Hazard

Yes - Immediate (acute) Health Hazard

No - Delayed (chronic) Health Hazard

Shipping Information:

FOR CONTAINERS > 1 Gallon : Cleaning Compound
 Non-Hazardous

FOR 1 GALLON CONTAINERS : Cleaning Compound
 Non-Hazardous

FOR CONTAINERS < 1 GALLON : Cleaning Compound

HMIS Hazardous Materials Identification System

| | |
|----------------------------|----------|
| Health | 2 |
| Flammability | 0 |
| Reactivity | 0 |
| Personal Protection | B |

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

| CAS# | Chemical Name | Percent by Weight |
|------|----------------|-------------------|
| | Not applicable | |

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

| CAS# | Chemical Name | Percent by Weight |
|------|---------------|-------------------|
| None | None | None |

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product