CORR

Environmentally Responsible Maintenance Solutions

# Organic Acid Restroom Cleaner

A concentrated, 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, mold, mildew, hard water deposits, rust stains, body oils, fats and dirt. Can be used to clean most surfaces such as windows, walls, floors, washroom fixtures,tubs, showers, toilet bowls and urinals. Especially effective on removing difficult stains from ceramic tile floors and grouting.

CERTIFIED EcoLogo™
**Certified Bathroom Cleaner CCD-146J**

**Benefits:**

- Concentrated, organic acid fortified, heavy-duty multi-purpose bathroom cleaner
- 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, mold, mildew, hard water deposits, rust stains, body oils, fats and dirt.
- Can be used to clean most surfaces such as windows, walls, floors, washroom fixtures, tubs, showers, toilet bowls and urinals.
- Especially effective on removing difficult stains from ceramic tile floors and grouting.

## PRODUCT SPECIFICATIONS

| | | | |
|---|---|---|---|
| **Color:** | Green | **Emulsification:** | Excellent |
| **Odor:** | Mild Odor | **Detergency:** | Excellent |
| **pH:** | 4.0 – 5.0 | **Rinsability:** | Excellent |
| **Viscosity:** | Water thin | **Flash Point:** | None |
| **Foam:** | High | **Biodegradability:** | Complete |
| **Abrasive:** | None | **Storage/Stability:** | 1 year |
| **Phosphate:** | None | **Weight Per Gallon:** | 8.93 lbs. Per gallon |
| **Solubility:** | Complete with water | **Freeze/Thaw Stability:** | Keep from freezing |

CORR

**CORR DISTRIBUTORS INC.**
89 PEARCE AVE. TONAWANDA, NY 14150
PHONE (716) 873 - 8323
WWW.CORRDISTRIBUTORS.COM

# SAFETY DATA SHEET

**Date Prepared :** 05/18/2015
**SDS No :** Corr Distributors, Inc._Organic Acid Restroom Cleaner

## Organic Acid Restroom Cleaner

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Organic Acid Restroom Cleaner
**GENERAL USE:** Cleaning toilets, urinals, ceramic tile and restroom fixtures.
**PRODUCT DESCRIPTION:** Organic Acid Restroom Cleaner
**CHEMICAL FAMILY:** Acid/detergent blend

**DISTRIBUTOR**
Corr Distributors, Inc.
89 Pearce Ave.
Tonawanda, NY 14150
**Customer Service:** 716-873-8323

**24 HR. EMERGENCY TELEPHONE NUMBERS**
**CHEM-TREC (Medical and Transportation):** 800-424-9300

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

**Health:**

Skin Corrosion, Category 1B
Serious Eye Damage, Category 1

**Physical:**

Flammable Liquids, Category 4

### GHS LABEL

Corrosion

**SIGNAL WORD:** DANGER

### HAZARD STATEMENTS

H318: Causes serious eye damage.
H314: Causes severe skin burns and eye damage.
H227: Combustible liquid.

### PRECAUTIONARY STATEMENT(S)

**Prevention:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P260: Do not breathe fumes, gas, mist, vapors or spray.
P264: Wash hands thoroughly after handling.
P234: Keep only in original packaging.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Response:**

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P363: Wash contaminated clothing before reuse.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P390: Absorb spillage to prevent material damage.

P370+P378: In case of fire: Use dry chemical, foam or water mist to extinguish.

**Storage:**

P405: Store locked up.
P406: Store in a corrosion resistant plastic container or a metal container with a resistant inner liner.
P403+P235: Store in a well-ventilated place. Keep cool.

**Disposal:**

P501: Dispose of contents/container according to all local, state and Federal regulations.

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Green liquid

**IMMEDIATE CONCERNS:** Causes irreversible eye damage and skin burns.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Corrosive to the eyes and may cause severe damage including blindness.

**SKIN:** Contact causes severe skin irritation and possible burns.

**SKIN ABSORPTION:** None Expected.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Mist is irritating to nose, throat and lungs.

**REPRODUCTIVE TOXICITY**

**TERATOGENIC EFFECTS:** No known significant effects or critical hazards.

**CARCINOGENICITY:** No known significant effects or critical hazards.

**MUTAGENICITY:** No known significant effects or critical hazards.

**ROUTES OF ENTRY:** Eye, skin, ingestion.

**WARNING CAUTION LABELS:** Corrosive

**PHYSICAL HAZARDS:** None Expected.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt.% | CAS |
|---|---|---|
| Hydroxyacetic Acid | 5 - 10 | 79-14-1 |
| Alkyl Polyglucosides | 10 - 15 | 68515-73-1 |
| Propylene Glycol n-butyl Ether | 10 - 15 | 5131-66-8 |
| Dye | < 0.1 | N/A |
| Water | 40 - 45 | 7732-18-5 |

## 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

**SKIN:** Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Severe burning sensation, damage marked by burns.

**SKIN:** Burning sensation, redness.

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**ACUTE TOXICITY:** Corrosive to eyes. Causes moderate to severe skin irritation. Harmful if swallowed.

**CHRONIC EFFECTS:** Not Established

**NOTES TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** IIIA (140-200F)

**GENERAL HAZARD:** Combustible Liquid

**EXTINGUISHING MEDIA:** Use Dry chemical, carbon dioxide, or water spray when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide from combustion

**EXPLOSION HAZARDS:** Fire exposed containers may burst due to increased pressure from heat.

**FIRE FIGHTING PROCEDURES:** Keep fire exposed containers cool with water stream or mist.

**FIRE FIGHTING EQUIPMENT:** Not Available

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition can lead to release of irritating gases and vapors.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.

**AIR SPILL:** NA = Not Applicable

**GENERAL PROCEDURES:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

**SPECIAL PROTECTIVE EQUIPMENT:** Eye protection, rubber gloves, rubber boots to protect feet.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**STORAGE:** Store in closed container in an area inaccessible to children.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

**STORAGE PRESSURE:** Store at ambient atmospheric pressure.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE GUIDELINES**

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) | | | | | |
|---|---|---|---|---|---|
| | | EXPOSURE LIMITS | | | |
| | | OSHA PEL | | Supplier OEL | |
| **Chemical Name** | | **ppm** | **mg/m³** | **ppm** | **mg/m³** |
| Hydroxyacetic Acid | **TWA** | NL | NL | NL | 10 mg/m3 |
| | **STEL** | NL | NL | NL | NL |
| Propylene Glycol n-butyl Ether | **TWA** | | | 50 | |

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Chemical splash goggles.

**SKIN:** Rubber or other chemical resistant gloves.

**RESPIRATORY:** A respirator is not needed under normal and intended conditions of product use.

**WORK HYGIENIC PRACTICES:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Solvent, characteristic

**ODOR THRESHOLD:** Not Established

**COLOR:** Green

**pH:** 2.0 to 3.0

**PERCENT VOLATILE:** >70

**FLASH POINT AND METHOD:** ~ 87.8°C (190°F)

**FLAMMABLE LIMITS:** Not established to Not established

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable

**VAPOR PRESSURE:** < 20 mm Hg at (68°F)

**VAPOR DENSITY:** 1 Air = 1

**BOILING POINT:** 212º F; 100º C

**FREEZING POINT:** 32º F; 0º C

**MELTING POINT:** Not Available

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** (Water =1) 1.0

**DENSITY:** 8.79

**SPECIFIC GRAVITY:** ~ 1.053 grams/ml.

**VISCOSITY:** Water thin.

**(VOC):** 10.000 % by weight

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Yes

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**INCOMPATIBLE MATERIALS:** Strong alkalis, oxidizers, chlorine Bleach

## 11. TOXICOLOGICAL INFORMATION

**ACUTE**

| Chemical Name | ORAL $LD_{50}$ (rat) | DERMAL $LD_{50}$ (rabbit) | INHALATION $LC_{50}$ (rat) |
|---|---|---|---|
| Hydroxyacetic Acid | 2040 mg/kg (rat) | Not available | 3.6 mg/l (Rat), Aerosol |
| Alkyl Polyglucosides | > 5000 mg/kg (rat) | > 5000 mg/kg (rabbit) | |
| Propylene Glycol n-butyl Ether | 2124 to 2700 mg/kg (rat) | > 2000 mg/kg (rabbit) | |

**EYES:** Not Established

**DERMAL $LD_{50}$:** Not Established

**ORAL $LD_{50}$:** Not Established

**INHALATION $LC_{50}$:** Not Established

**EYE EFFECTS:** Corrosive to eyes. Permanent damage may occur.

**SKIN EFFECTS:** Corrosive to skin.

**CARCINOGENICITY**

**IARC:** No listed substance

**CORROSIVITY:** Corrosive

**SENSITIZATION:** Not Established

**GENETIC EFFECTS:** No known significant effects or critical hazards.

**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards.

**TARGET ORGANS:** No known significant effects or critical hazards.

**MUTAGENICITY:** No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not Established

**ECOTOXICOLOGICAL INFORMATION:** Not Established

**AQUATIC TOXICITY (ACUTE)**

**96-HOUR $LC_{50}$:** Not Established

**Notes:** Practically nontoxic

**CHEMICAL FATE INFORMATION:** Not yet Determined

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Small amounts (less than 1 gallon) may be diluted with copious amounts of water and disposed of into sanitary sewer.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** Small quantities (less than 1 gallon) of used material may be flushed to sanitary sewer with copious amounts of water. Larger quantities must be disposed of by a licensed disposal company.

**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA WASTE INFORMATION:** Corrosive

**RCRA HAZARD CLASS:** C

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated (for US domestic shipment only)

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Contact manufacturer for more information.

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Contact manufacturer for more information.

## 15. REGULATORY INFORMATION

**UNITED STATES**

**DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** Health - Acute

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** No listed substance

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** No listed substance

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** No listed substance

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**CALIFORNIA PROPOSITION 65:** No listed substance

**CARCINOGEN:** No listed substance

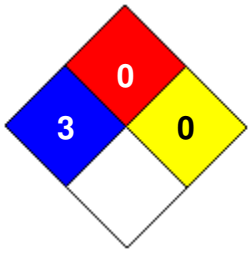
## 16. OTHER INFORMATION

**PREPARED BY:** Regulatory Affairs Department **Date Prepared:** 05/18/2015

**HMIS RATING**

| | |
|---|---|
| HEALTH | 3 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | B |

**NFPA CODES**

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