

SAFETY DATA SHEET

Issue Date 12-2-2014

Revision Date 5-22-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Bathroom Cleaner

Other Means of Identification

Product Code 3227

Recommended Use of the Chemical and Restrictions on Use

Recommended Use

Mild acid bathroom cleaner

Details of the Supplier of the Safety Data Sheet

Supplier Address

CORRELATED PRODUCTS, INC.
5616 PROGRESS ROAD
INDIANAPOLIS, IN 46241

Emergency Telephone Number

Company Phone Number 1-800-428-3266

Emergency Telephone 1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion/Irritation: Category 1

Eye Damage/Irritation: Category 1

Signal Word

DANGER

Symbols



Emergency Overview:

Physical State: Liquid

Color: Aqua Blue

Odor: Mint

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard(29 CFR 1910.1200).

Hazard Statements

CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

Precautionary Statements-Prevention

Do not breathe mist/vapours/spray.

Wash hands and any exposed skin thoroughly after handling.
Wear protective gloves. Wear eye/face protection. Wear protective clothing.

Precautionary Statements – Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).

Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Immediately call a poison center or doctor.

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.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Precautionary Statements – Storage

Store locked up.

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local, state and federal regulations..

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|---------------------------------|-----------|----------|
| Water | 7732-18-5 | 60-100 |
| Phosphoric Acid – Food Grade | 7664-38-2 | 30-35 |
| Ethylene Glycol Monobutyl Ether | 111-76-2 | .788 |

4. FIRST AID MEASURES

First Aid Measures

Eye Contact

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.

Skin Contact

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center or doctor if you feel unwell.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

Direct contact with eyes causes serious damage. Substance causes skin burns. Harmful if swallowed. Keep out of reach of children.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians

Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None

Specific Hazards Arising from the Chemical

Dried product is capable of burning. Combustion products are toxic.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Methods and Material for Containment and Cleaning Up

Methods for Containment For small spills, absorb on poly-pads or other suitable non-reactive absorbent material. Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Sweep up and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

Incompatible Materials Strong bases, bleach.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACHIH TLV | OSHA PEL | NIOSH IDLH |
|------------------------------------------------|-----------------------------|-----------------------------------------------------------|-----------------------------|
| Phosphoric Acid | 3 mg/m3 STEL 1 mg/m3 TWA | 1 mg/m3 TWA | 3 mg/m3 STEL 1 mg/m3 TWA |
| Ethylene Glycol Monobutyl Ether 111-76-2 | 20 ppm TWA | 50 ppm, 24 mg/m3 TWA OSHA Z-1 240 mg/m3 TWA OSHA P0 | 5 ppm, 24 mg.m3 TWA |

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or other biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Appropriate Engineering Controls: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and the using the bathroom and at the end of the working periods.

Individual Protection Measures, such as Personal Protective Equipment

| | |
|---------------------------------------|--------------------------------------------------------------------------------------------|
| Eye/Face Protection | Avoid contact with eyes. Wear safety eyewear. |
| Skin and Body Protection | Wear suitable protective clothing. Use impervious gloves. |
| Respiratory Protection | Not required with expected use. Ensure adequate ventilation, especially in confined areas. |
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

| | | | |
|----------------|--------------|----------------|----------------|
| Physical State | Liquid | Odor | Characteristic |
| Appearance | Liquid | Odor Threshold | Not determined |
| Color | Yellow/Green | | |

| Property | Values |
|------------------------------|------------------|
| pH | 1 |
| Melting Point/Freezing Point | Not determined |
| Boiling Point/Boiling Range | 212 Deg F |
| Flash Point | n/a (tcp) |
| Evaporation Rate | (H20=1) =1 |
| Flammability (Solid, Gas) | n/a-liquid |
| Upper Flammability Limits | UEL=n/a |
| Lower Flammability Limits | LEL=n/a |
| Vapor Pressure | 20@68F |
| Vapor Density | Not determined |
| Specific Gravity | 1.14 |
| Water Solubility | Soluble in water |
| Solubility in Other Solvents | Not determined |
| Partition Coefficient | Not determined |
| Autoignition Temperature | Not determined |
| Decomposition Temperature | Not determined |
| Kinematic Viscosity | Not determined |
| Dynamic Viscosity | Not determined |
| Explosive Properties | Not determined |
| Oxidizing Properties | Not determined |

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Strong bases and bleach. Keep out of reach of children.

Incompatible Materials

Strong oxidizers, bases.

Hazardous Decomposition Products

Acidic vapors in a fire.

11. TOXICOLOGICAL INFORMATION**Information on Likely Routes of Exposure****Product Information****Eye Contact** Causes severe eye damage .**Skin Contact** Causes severe skin burns.**Inhalation** Irritating to the mucus membranes of the respiratory tract. Nasal discomfort and coughing.**Ingestion** Harmful if swallowed.**Component Information**

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------------------------------|-------------------------|---------------------|--------------------|
| Water | 90,000 mg/kg (rat) | Data not available | Data not available |
| Phosphoric Acid 7664-38-2 | 4,400 mg/kg (rat) | 2740 mg/kg (rabbit) | 213 mg/m3 (rat) |
| Ethylene Glycol Monobutyl Ether 111-76-2 | 1200 mg/kg (guinea pig) | >2,000 mg/kg | 663, ppm 4 h |
| | | | |
| | | | |

Information on Physical, Chemical and Toxicological Effects**Symptoms**

Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**Carcinogenicity**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

ATEmix-oral: /kg ATEmix-dermal: mg/l

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Material may be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------|-----------------------------------------------------|
| Phosphoric Acid 7664-38-2 | Data not available | LC50: 138 mg/L Mosquitofish 96 h | Data not available | Data not available |
| Ethylene Glycol Monobutyl Ether 111-76-2 | EC50 (Pseudokirchneriella subcapitata (green algae)): 911 mg/l. Endpoint: Biomass | LC50 (Oncorhynchus mykiss (rainbow trout): 1,474 mg/l. Exposure | Data not available | EC50 (Daphnia magna (Water flea)): 1,800 mg/l |

Persistence and Degradability

Not determined

Bioaccumulation

Not determined.

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN 1760, CORROSIVE LIQUID, N.O.S.(Phosphoric Acid), 8, III

IATA

Not available.

IMDG

Not available.

TDG

Not regulated.

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical Name | CAS No | Weight-% |
|------------------------------------|-----------|----------|
| Phosphoric Acid | 7664-38-2 | 30-35 |
| ETHYLENE GLYCOL MONOBUTYL ETHER | 111-76-2 | .788 |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|------------------------------------|------------|---------------|--------------|
| Phosphoric Acid 7664-38-2 | | X | X |
| Ethylene Glycol Monobutyl Ether | 90-100% | 90-100% | 90-100% |

California Prop 65: This product contains no chemicals known to the State of California to cause cancer and reproductive toxicity.

16. OTHER INFORMATION

| | | | | |
|-------------|-----------------------------------------|---------------------------------------|--------------------------------------|------------------------------------------|
| <u>NEPA</u> | Health Hazards Not determined | Flammability Not determined | Instability Not determined | Special Hazards Not determined |
| <u>HMIS</u> | Health Hazards 3 | Flammability 0 | Physical Hazards 0 | Personal Protection C |

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Revision Note GHS

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet