

SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

Section I - Product & Company Identification

Product identifier

Product name : PORCELAIN CLEANER CONCENTRATE

Product form: Liquid

Other means of identification: LB050

Relevant identified uses of the substance or mixture: Bathroom cleaner

Details of the supplier of the safety data sheet

Manufacturer:

Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150

Phone: 816-472-5515

Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300

Section II – Hazards Identification

Classification

Acute Toxicity, Oral (Category 4)

Skin irritation (Category 2),

Eye irritation (Category 2)

Specific target organ-single exposure(Category 3), Central nervous system.

Chronic aquatic toxicity (Category 3)

Pictogram:



Signal Word

Warning

Hazard Statements

Harmful if swallowed.

Causes skin irritation.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Harmful to aquatic life with long lasting effects.

Precautionary Statements – Prevention

Wash skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Avoid release to the environment.
Wear protective gloves/ eye protection/ face protection.
Avoid breathing dust/fume/mist/vapor/spray.
Use only in a well ventilated area.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs
IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. Take off contaminated clothing and wash before reuse.
IF SWALLOWED: Call a doctor/physician if you feel unwell. Rinse mouth
Take off contaminated clothing and wash before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section III –Composition/Information on ingredients

Mixture

Name	CAS #	Weight %
Sulfamic Acid	5329-14-6	10-20
Ethylene glycol butyl ether	111-76-2	1-5
Isopropyl Alcohol	67-63-0	1-5
Nonylphenol, ethoxylated	127087-87-0	1-5

Any concentration shown as a range is to protect confidentiality or is due to process variation.

Section IV – First Aid Measures

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash with plenty of soap and water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause serious eye irritation with reddening and watering. May cause skin irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed

No data available.

Section V – Fire Fighting Measures

Suitable Extinguishing Media

Water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Carbon oxides, Nitrogen oxides, sulphur oxides.

Protective Equipment and Precautions for Firefighters

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

Section VI –Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Avoid dust formation. Avoid breathing dust/vapor/mist. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and Material for Containment and Cleaning Up

Contain spillage and then pick up and arrange for disposal. Do not let product enter the drains. Keep in suitable, closed containers for disposal.

Section VII – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Section VIII – Exposure Controls/ Personal Protection

Exposure Guidelines

Chemical Name	CAS #	ACGIH TLV	OSHA PEL	NIOSH
Sulfamic Acid	5329-14-6	No limits established	No limits established	No limits established
Ethylene glycol butyl ether	111-76-2	20 ppm	50 ppm 240 mg/m ³	5 ppm 24 mg/m ³
Isopropyl Alcohol	67-63-0	200 ppm	400 ppm 980 mg/m ³	500 ppm 1225 mg/m ³
Nonylphenol, ethoxylated	127087-87-0	No limits established	No limits established	No limits established

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation for exposure control.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear NIOSH approved safety goggles or safety glasses with side shields.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section IX – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Liquid
Color	Green
<u>Property</u>	<u>Values</u>
pH	0.25-1.5 at 20 °C (68 °F)
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	No data available
Flash Point	> 100 °C (> 212 °F)
Evaporation Rate	No data available
Flammability (Solid, Gas)	N/A Liquid
Upper Flammable Limits	No data available
Lower Flammable Limits	No data available

Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.05 g/cm ³ at 25 ° C (77 ° F)
Water Solubility	Soluble
Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Kinematic Viscosity	No data available
Dynamic Viscosity	No data available
Explosive Properties	Not an Explosive
Oxidizing Properties	No data available
Odor	Mint
Odor Threshold	No data available

Section X – Stability & Reactivity

Reactivity

No data available

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No data available

Conditions to Avoid

No data available

Incompatible Materials

Strong oxidizing agents, Strong bases.

Hazardous Decomposition Products

Carbon dioxide, carbon monoxide.

Section XI - Toxicological information

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing Fumes/vapors/mist.

Eye Contact: Causes serious eye irritation

Skin Contact: Causes skin irritation.

Ingestion: Harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Sulfamic Acid	5329-14-6	=3,160 mg/kg(Rat)	No data available	No data available
Ethylene glycol butyl ether	111-76-2	470 mg/kg (Rat)	220 mg/kg (Rabbit)	450 ppm (Rat) – 4 h
Isopropyl Alcohol	67-63-0	=5,045 mg/kg(Rat)	12,800 mg/kg(Rabbit)	16000 ppm(Rat) 8 h
Nonylphenol,	127087-87-0	No data available	>2000 mg/kg (Rabbit)	No data available

ethoxylated				
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Chemical Name	Sulfamic Acid	Ethylene glycol butyl ether
Skin corrosion/irritation	Moderate skin irritation(rabbit)	Causes irritation
Serious eye damage/irritation	Moderate eye Irritation-(rabbit)	Moderate irritation
Respiratory or skin sensitization	No data available	No data available.
Mutagenicity	No data available	No data available
Carcinogenicity	Not classifiable	Not classifiable as to humans.
Reproductive toxicity	No data available	No data available
Specific target organ toxicity- Single exposure	No data available	No data available
Specific target organ toxicity- repeated exposure	No data available	No data available
Aspiration hazard	No data available	No data available

Chemical Name	Isopropyl Alcohol	Nonylphenol, ethoxylated
Skin corrosion/irritation	Mild irritation(Rabbit)	Skin irritation
Serious eye damage/irritation	Eye irritation (Rabbit) -8 h	Serious eye damage
Respiratory or skin sensitization	No data available	Not a sensitizer
Mutagenicity	No data available	Not Mutagenic
Carcinogenicity	Not classifiable	Not a carcinogen
Reproductive toxicity	No data available	No expected to cause.
Specific target organ toxicity- Single exposure	Inhalation-Oral May cause drowsiness or dizziness.	Not classified
Specific target organ toxicity- repeated exposure	No data available	Not classified.
Aspiration hazard	No data available	Not an aspiration hazard.

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

Carcinogenicity: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification.

Numerical Measures of Toxicity: Not determined

Section XII - Ecological information

Ecotoxicity

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Aquatic invertebrates
Sulfamic Acid	5329-14-6	No data available	static test LC50 - Pimephales promelas (fathead minnow) - 70.3 mg/l - 96 h	No data available
Isopropyl Alcohol	67-63-0	EC50- Desmodesmus subspicatus (green algae)-> 2,000 mg/l – 72 h	LC50-Pimephales promelas (fathead minnow)- 9,640 mg/l -96 h	Immobilization EC50- Daphnia magna(water flea)- 6,851 mg/l- 24 h EC50-Daphnia magna (water

		EC50-Algae-> 1,000 mg/l – 24 h		flea)-5,102 mg/l- 24 h
Nonylphenol, ethoxylated	127087-87-0	No data available	LC50-Pimephales promelas (fathead minnow)- 73-96 mg/l -96 h	No data available
Ethylene glycol butyl ether	111-76-2		LC50-other fish-220 mg/l – 96 h	EC50-Daphnia - 1,815 mg/l-24 h

Persistence and Degradability

No data available

Bioaccumulation

No data available.

Mobility

No data available.

Section XIII - Disposal considerations

Waste Disposal Method

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

Section XIV - Transport information

DOT Proper Shipping Description:

Bulk and Non-Bulk: NA1760, Compounds, cleaning liquid, (Sulfamic Acid), 8, PG III

Section XV - Regulatory information

SARA Title III Section 311/312 (40CFR370): Acute, chronic health hazard

SARA Title III Section 313 (40CFR372): Two reportable component.

Chemical Name	CAS #	Weight %	SARA 313-Threshold Values %
Isopropyl Alcohol	67-63-0	1-5	1.0
2-Butoxyethanol	111-76-2	1-5	1.0

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Reported/included

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:

This material is known to contain chemicals currently listed as carcinogens or reproductive toxins. Ethylene oxide

U.S. State Right-to-Know Regulations

Chemical Name	Cas#	New Jersey	Massachusetts	Pennsylvania
Sulfamic Acid	5329-14-6	X	No components	X
Ethylene glycol butyl ether	111-76-2	X	X	X

Isopropyl Alcohol	67-63-0	X	X	X
Nonylphenol, ethoxylated	127087-87-0	Ethylene oxide	Ethylene oxide	Ethylene oxide

Section XVI - Other information

HMIS ratings: Health: 3
 Flammability: 1
 Reactivity: 1
 Indication of changes: Revision – 1
 Date Sheet Prepared: 06/03/2015 Other information: Author – EHS Administrator

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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END OF SDS