

310 Wayto Road | Schenectady, NY 12303 ● TEL: 800-283-3888 | FAX: 518-357-9636
EMAIL: moreinfo@sandellmfg.com | www.diedrichtechnologies.com

910PM POLISHED MARBLE CLEANER

1. PRODUCT DATA

Product Name: 910PM Polished Marble Cleaner
Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303
Company Contact: Ken Eglin
Telephone: 800-283-3888
24-Hour Emergency Contact: CHEMTREC 800-424-9300
This product is manufactured for Commercial/Industrial use. Not recommended for: Household use.

2. HAZARDS IDENTIFICATION

GHS Ratings

Flammable liquid: 3
Flash point $\geq 73.4^{\circ}\text{F}$ (23°C) and $\leq 140^{\circ}\text{F}$ (60°C).
Skin corrosive: 3
Reversible adverse effects in dermal tissue,
Draize score: $\geq 1.5 < 2.3$
Reproductive toxin: 2
Human or animal evidence possibly with other information.

GHS Hazards

H226 Flammable liquid and vapor
H316 Causes mild skin irritation
H361 Suspected of damaging fertility or the unborn child

GHS Precautions

P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233 Keep container tightly closed
P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical/ventilating/light/other/equipment
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P280 Wear protective gloves/protective clothing/eye protection/face protection
P281 Use personal protective equipment as required

P303+P361+P353

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

P308+P313

IF exposed or concerned: Get medical advice/attention

P332+P313

If skin irritation occurs: Get medical advice/attention

P370+P378

In case of fire: Move combustibles out of path of advancing pool if you can do so without risk

P405

Store locked up

P403+P235

Store in a well-ventilated place. Keep cool

P501

Dispose of contents/container according to local regulations

Warning



Hazards Not Otherwise Classified: None

3. COMPOSITION

Chemical Name/ CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Pentasodium triphosphate 7758-29-4 5 percent			
Isopropyl alcohol 67-63-0 4 percent	400 ppm TWA; 980 mg/m ³ TWA	400 ppm STEL 200 ppm TWA	NIOSH: 400ppm TWA; 980 mg/m ³ TWA 500 ppm STEL; 1225 mg/m ³ STEL
2-Butoxyethanol 111-76-2 3 percent	50 ppm TWA; 240 mg/m ³ TWA	20 ppm TWA	NIOSH: 5 ppm TWA; 24 mg/m ³ TWA

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4. FIRST AID MEASURES

Inhalation: Remove from further exposure. For those providing assistance, avoid exposure to yourself. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, a trained individual should attempt to resuscitate while getting immediate medical aid.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.

Skin Contact: In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water.

Ingestion: If conscious, give 2 to 3 glasses of water. Do not induce vomiting and seek medical attention immediately.

Notes to Physician: No data found.

5. FIRE FIGHTING MEASURES

Flammable Limits (LEL & UEL): N/A

Flash Point: 124°F (51°C)

Extinguishing Media: Move combustibles out of path of advancing pool if you can do so without risk.

Unusual Fire and Explosion Hazards: No data found.

Hazardous Combustion Products: See Section 10.

Fire Fighting: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water.

Fire Fighting: Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop leak if you can do it without risk, stay upwind, and avoid run off to waterways and sewers. **Use only non-sparking tools.**

SMALL SPILLS: Prevent entry into waterways, sewers, basements or confined areas. Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal.

LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas. Dike to collect large liquid spills, collect leaking liquid in sealable compatible containers.

NEUTRAL SPILLS: Any non-combustible absorbant can be used. Cautiously neutralize remainder. Then wash away with plenty of water

7. HANDLING AND STORAGE

Handling Precautions: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containment closed when not in use. Do not handle or store material near heat, sparks, or open flames, or other sources of ignition.

Storage: Prevent from freezing. Store at room temperatures, i.e., 40° to 95°F (4° to 35°C).

Regulatory Requirements: No data found

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Chemical Name/ CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Pentasodium triphosphate 7758-29-4			
Isopropyl Alcohol 67-63-0	400 ppm TWA; 980 mg/m ³ TWA	400 ppm STEL 200 ppm TWA	NIOSH: 400ppm TWA; 980 mg/m ³ TWA 500 ppm STEL; 1225 mg/m ³ STEL
2-Butoxyethanol 111-76-2	50 ppm TWA; 240 mg/m ³ TWA	20 ppm TWA	NIOSH: 5 ppm TWA; 24 mg/m ³ TWA

Engineering controls: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

Ventilation Control: Provide adequate ventilation to control airborne concentration below the exposure guidelines/limits.

Administrative controls: No data found.

Personal Protection: As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard Assessment of all workplaces to determine the need for proper protective equipment for each employee.

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Eye Protection: Normal industrial eye protection practices should be employed.

Skin Protection: In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Respiratory: If airborne concentration limits are not met, an approved respirator must be worn.

Contaminated Equipment: Dispose of the waste in compliance with federal, state, regional, and local regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting point: Not Determined

Freezing point: Not Determined

Solubility: Complete

Boiling range: 181.4°F (83°C)

Flash point: 124°F (51°C)

Evaporation rate: Not Determined

Flammability (UEL & LEL): N/A

Appearance: Cloudy Blue

Odor: Alcohol

Physical State: Liquid

Vapor Pressure: Not Determined

Odor threshold: Not Determined

Vapor Density: Not Determined

pH: 6-8

Explosive Limits: 0%

Partition coefficient (n-octanol/water): Not Determined

Autoignition temperature: 446°F (230°C)

Decomposition temperature: Not Determined

Viscosity: Not Determined

Density: 0.99571521

Weight Per Gallon: 9.2 lbs

10. STABILITY AND REACTIVITY

Stability: STABLE

Incompatibilities: Strong oxidizers.

Hazardous Decomposition Products: *Note:* these are all possible decomposition products based on molecular structure of components.

- Oxides of Carbon
- Oxides of Phosphorus

Hazardous Polymerization: will not occur.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity:

Inhalation Toxicity: 14.46mg/L

Component Toxicity

67-63-0 Isopropyl alcohol

Oral: 4,396.00 mg/kg (Rat)

111-76-2 2-Butoxyethanol

Oral: 470.00 mg/kg (Rat)

Dermal: 220.00 mg/kg (Rabbit)

Inhalation: Rat ppm (Rat)

Routes of entry: No data found.

Target Organs: Blood, Eyes, Kidneys, Liver, Central Nervous System, Skin, Respiratory System.

Effects of Overexposure: No data found.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Component Ecotoxicity:

Isopropyl alcohol

96 Hr LC50 Pimephales promelas: 9640 mg/L [flow-through]

96 Hr LC50 Pimephales promelas: 11130 mg/L [static]

96 Hr LC50 Lepomis macrochirus: >1400000 µg/L

48 Hr EC50 Daphnia magna: 13299 mg/L

96 Hr EC50 Desmodesmus subspicatus: >1000 mg/L;

72 Hr EC50 Desmodesmus subspicatus: >1000 mg/L

2-Butoxyethanol:

96 Hr LC50 Lepomis macrochirus: 1490 mg/L [static]

96 Hr LC50 Lepomis macrochirus: 2950 mg/L

48 Hr EC50 Daphnia magna: >1000 mg/L

13. DISPOSAL

Refer to the latest federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

Not regulated by US DOT Highway transportation. Other modes/jurisdictions may have different classifications.

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15 - REGULATORY INFORMATION

This listing is to highlight federal level regulation of the product. Individual states, and other nations may have further regulations not listed below.

US DOT List of Marine Pollutants (172.101 - Appendix B): None

US DOT List of Hazardous Substances and Reportable Quantities (172.101 Appendix A):

7758-29-4 Pentasodium triphosphate 5%

US DOT List of Severe Marine Pollutants (172.101 - Appendix B): None

SARA Section 302 Extremely Hazardous Substances (40 CFR 355): None

Sara Section 302 Threshold Planning Quantity: None

SARA Section 313, Toxic Chemicals (40 CFR 372.65):

67-63-0 Isopropyl alcohol 4%

SARA Reportable Quantity: None

Toxic Substances Control Act (TSCA): All components are listed or exempt from the Toxic Substances Control Act.

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations, part 372.

16. OTHER INFORMATION

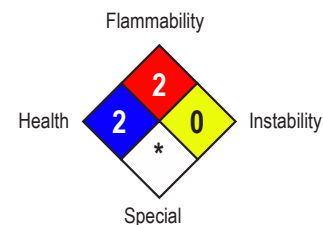
Date of Preparation: July 1st, 2016

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Hazardous Material Information System (HMIS)

Health	2
Flammability	2
Physical Hazard	0
Personal Protection	B

National Fire Protection Association (NFPA)



HMIS & NFPA Hazard Rating Legend

- * = CHRONIC HEALTH HAZARD
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

LEGEND

0 = LEAST 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME

N.D. = NOT DETERMINED N.A. = NOT AVAILABLE N/A = NOT APPLICABLE

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