

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

Date of Preparation: March 1, 2015
Product Name: 910PM Polished Marble Cleaner
Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303
Company Contact: Mike 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:

Oral Toxicity: 2
Dermal Toxicity: 4
Skin Irritation: 2
Skin Sensitisation: 1
Eye Irritation: 2

GHS Hazards:

H300 Fatal if swallowed
H312 Harmful in contact with skin
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H332 Harmful if inhaled

GHS Precautions

P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P264 Wash hands thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P271 Use only outdoors or in a well-ventilated area
P272 Contaminated work clothing should not be allowed out of the workplace
P280 Wear protective gloves/protective clothing/eye protection/face protection
P312 Call a POISON CENTER or doctor/physician if you feel unwell

P321 Specific treatment (see section 4)
P322 Specific measures (see section 4)
P330 Rinse mouth
P362 Take off contaminated clothing and wash before reuse
P363 Wash contaminated clothing before reuse
P301+P310
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352
IF ON SKIN: wash with plenty of soap and water
P304+P340
IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing
P332+P313
IF SKIN irritation occurs: Get medical advice/attention
P333+P313
IF SKIN irritation or rash occurs: Get medical advice/attention
P337+P313
IF eye irritation persists: Get medical advice/attention
P305+P351+P338
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P405 Store locked up
P501 Dispose of contents/container according to local regulations

Danger



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3. COMPOSITION

Chemical Name/ CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Ethylene Glycol Monobutyl Ether 111-76-2	50 ppm (240 mg/m ³) TWA	20 ppm (97 mg/m ³) TWA	NIOSH: 5 ppm (24 mg/m ³) TWA
Isopropyl Alcohol 67-63-0	400 ppm (980 mg/m ³) TWA	200 ppm (491 mg/m ³) TWA 400 ppm (984 mg/m ³) STEL	400 ppm (980 mg/m ³) TWA 500 ppm (1,225 mg/m ³) STEL
Ethoxylated Nonylphenol 9016-45-9			

Specific chemical identity and percentage content of ingredients withheld as trade secret pursuant to Massachusetts regulations. Reporting requirements of section 313 title III of the superfund amendments and reauthorization act of 1986 and 10 CFR part 373 apply.

4. FIRST AID MEASURES

ALWAYS TAKE COPY OF MSDS WITH YOU WHEN SEEKING MEDICAL ATTENTION

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Eye Contact: IMMEDIATELY FLUSH EYES WITH WATER. Get medical attention immediately.

Skin Contact: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

Ingestion: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Notes to Physician: No data found.

5. FIRE FIGHTING MEASURES

Flammable Limits: LEL: 1.1% UEL: 12.7%

Flash Point: 145°F

Extinguishing Media: Alcohol Foam, CO₂, Dry Chemical Foam, Water Fog.

Unusual Fire and Explosion Hazards: Vapors can travel to a source of ignition and flash back. Combustible Liquid. Can form explosive mixtures at temperatures at or above

the flash point. "EMPTY" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums/containers should be completely drained, properly bunged and promptly returned to a drum re-conditioner, or properly disposed of.

Hazardous Combustion Products: See Section 10 for a list of hazardous decomposition products for this mixture.

Fire Fighting: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

Fire Fighting: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH) approved or equivalent and full protective gear.

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.

SMALL SPILLS: Soak, wipe or mop up and dispose of in approved waste containers.

LARGE SPILLS: Absorb spill with inert material (e.g. dry sand, clay or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches, which lead to waterways. Wear a self-contained breathing apparatus and appropriate personal protective equipment. Evacuate area of unprotected personnel. Eliminate all sources of ignition. Provide adequate ventilation.

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. **Keep containers tightly sealed. Do not cut, puncture or weld on or near this container. Do not re-use for any purpose until it has been commercially cleaned. Keep container closed when not in use. Keep away from children and animals.**

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Storage: Freezes at about 32°F (0°C), and keep containers below 120°F (48°C). Do not store or pipe through anything aluminum, use only polylined steel or approved plastic. Keep containers tightly sealed. **Store away from incompatible material.**

Regulatory Requirements: No data found

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

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Ethoxylated Nonylphenol 9016-45-9			

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: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

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.

Protective Clothing: Protect all body parts from contact by using full body chemical resistant suit with tight fitting cuffs and collar, rubber boots, and head protection. Wear Neoprene, butyl rubber, PVC, or polyethylene gloves.

Eye Protection: Close fitting safety chemical goggles and full-face shield. **DO NOT WEAR CONTACT LENSES.**

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

Respiratory: A respiratory protection program that meets OSHA 1910.134 and ANSI A88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting point: No Data Found
Freezing point: Not Determined
Solubility: Soluble
Boiling range: 181°-336°F (82°-168°C)
Flash point: 145°F
Evaporation rate: Faster than butyl acetate
Flammability: No Data Found
Appearance: No Data Found
Odor: No Data Found
Physical State: Thick Liquid
Vapor Pressure: Not Determined
Odor threshold: Not Determined
Vapor Density: Heavier than air
Specific Gravity: 0.9633
pH: 8.5 @ 100%
Explosive Limits: Possible above >145°
% Volatile (by weight): Not Determined
Partition coefficient (n-Octanol/water): Not Determined
Autoignition temperature: No Data Found
Decomposition Temperature: No Data Found
Viscosity: Not Determined
Density: Not Determined
Volatile Organic Components: No Data Found

10. STABILITY AND REACTIVITY

Stability: STABLE
Incompatibilities: Strong oxidizers, aluminum, acids, alkalis, amines, halogens. Strong reducing agents.
Conditions To Avoid: Heat, sparks, and open flames. May form peroxides if in contact with air for long periods of time and these can explode spontaneously or when heated
Hazardous Decomposition Products: Hazardous Polymerization Will not occur under normal conditions.

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11. TOXICOLOGICAL INFORMATION

Routes of entry: Skin, eyes, inhalation, ingestion.
Target Organs: Eyes, Skin, and Respiratory System
Effects of Overexposure: May cause nervous system damage, lung damage, kidney damage.

CAS Number	Description	% Weight	Carcinogen Rating
None			Not Listed

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data found.

13. DISPOSAL

Contaminated product and materials used in clean up must be placed in appropriate containers and disposed of in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

The following is for US DOT Highway transportation. Other modes/jurisdictions may have different classifications.

Agency	Proper Shipping Name	UN Number	Packaging Group	Hazard Class
US DOT	Corrosive Liquid NOS (Contains Isopropanol)	NA1993	III	3

15 - REGULATORY INFORMATION

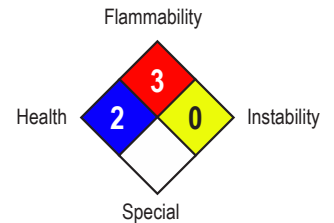
No Data Found

16. OTHER INFORMATION

Hazardous Material Information System (HMIS)

Health	2
Flammability	3
Physical Hazard	0
Personal Protection	[H]

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

DISCLAIMER: While this company believes that the data contained herein are factual and the opinions expressed are based on tests and data believed to be reliable, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by this company as to the effects of such use, the results to be obtained, or the safety and toxicity of the product, nor does this company assume any liability arising out of use, by others, of the product referred to herein. Nor is this information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or governmental regulations.

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