

### 910 PM POLISHED MARBLE CLEANER

#### SECTION I - PRODUCT IDENTIFICATION

**MANUFACTURER'S NAME AND ADDRESS:** DIEDRICH TECHNOLOGIES INC.  
A DIVISION OF SANDELL CONSTRUCTION SOLUTIONS  
7373 S. 6TH ST., OAK CREEK, WI 53154  
PHONE: 414-764-0058

**PRODUCT NAME:** 910 PM POLISHED MARBLE CLEANER 01-08

#### SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME:	CAS NO.	TLV-TWA	TLV-STEL	PEL-TWA
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	25 ppm (skin)	N.E.	25 ppm (skin)
ISOPROPYL ALCOHOL	67-63-0	400 ppm	500 ppm	400 ppm
EXTHOXYLATED NONYLPHENOL	9016-45-9	N.E.	N.E.	N.E.

PERCENTAGE CONTENT OF HAZARDOUS INGREDIENTS WITHHELD AS TRADE SECRET PURSUANT TO MASSACHUSETTS REGULATIONS. REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SURERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372 APPLY.

#### SECTION III - PHYSICAL DATA

<b>BOILING RANGE:</b>	181 -336° F	<b>VAPOR DENSITY:</b>	heavier than air
<b>ODOR:</b>	No data	<b>ODOR THRESHOLD:</b>	No data
<b>APPEARANCE:</b>	Thick cloudy blue	<b>EVAPORATION RATE:</b>	faster than butyl acetate
<b>SOLUBILITY IN H2O:</b>	Soluble	<b>SPECIFIC GRAVITY:</b>	0.9633
<b>FREEZE POINT:</b>	N.D.	<b>pH @ 100%:</b>	8.5
<b>VAPOR PRESSURE:</b>	N.D.	<b>VISCOSITY:</b>	N.D.
<b>PHYSICAL STATE:</b>	Thick Liquid		

#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASHPOINT:** 145° F      **FLAMMABLE LIMITS:** LEL = 1.1%      UEL = 12.7%

**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 flashpoint. "EMPTY" containers retain product residue (liquid and/or vapor) and can be dangerous. NO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINS 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 reconditioner, or properly disposed of.

**SPECIAL FIREFIGHTING PROCEDURES:** 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.

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**SECTION V - HEALTH HAZARD DATA**

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**PRIMARY ROUTES OF EXPOSURE:** Skin, eyes, inhalation, ingestion.

**CARCINOGEN INFORMATION:** Not listed (OSHA, IARC, NTP).

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** No applicable information found.

**EFFECTS OF OVEREXPOSURE:**

**EYE CONTACT:** Liquids, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. Causes eye irritation, transient corneal injury is possible.

**SKIN CONTACT:** Causes skin irritation. Allergic reactions are possible. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**INHALATION:** Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure.

**INGESTION:** This material may be harmful or fatal if swallowed. Systemic toxicity is low, ingestion of small amounts can cause internal hemorrhage and kidney irritation. Large amounts ingested can cause liver and kidney damage. Hypokalemia is also a probability.

**CHRONIC HAZARDS:** Overexposure may cause nervous system damage. Overexposure may cause lung damage. Overexposure may cause kidney damage.

**EMERGENCY AND FIRST AID PROCEDURES:** (ALWAYS TAKE COPY OF MSDS WITH YOU WHEN SEEKING 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.

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

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

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**SECTION VI - REACTIVITY DATA**

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**STABILITY:** Stable.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**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.

**INCOMPATIBILITY:** Strong oxidizers, aluminum, acids, alkalis, amines, halogens. Strong reducing agents.

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**SECTION VII - SPILL OR LEAK PROCEDURES**

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**SPILL, LEAK AND WASTE DISPOSAL PROCEDURES:**

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

**LARGE SPILLS OR LEAKS:** 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.

**WASTE DISPOSAL METHODS:** 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.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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**RESPIRATORY PROTECTION:**

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.

**VENTILATION:**

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

**PROTECTIVE GLOVES:** Neoprene, butyl rubber, PVC or polyethylene.

**EYE PROTECTION:** Close fitting safety chemical goggles and full face shield. **DO NOT WEAR CONTACT LENSES.**

**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.

**OTHER PROTECTIVE/SAFETY EQUIPMENT:** Eyewash and safety shower, or fresh running water must be at hand and ready should need arise.

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**SECTION IX - SPECIAL PRECAUTIONS**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Freezes at or about 32°F and keep containers below 120°F. Do not handle container without personal protection. Avoid open containers. Store away from incompatible material.

**OTHER PRECAUTIONS:** Do not store or pipe through anything aluminum, use only polylined steel or approved plastic. 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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**LEGENDS:**

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

N.D. = NOT DETERMINED                      N.A. = NOT AVAILABLE                      N/A - NOT APPLICABLE                      N.E. = NOT ESTABLISHED

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