



# SAFETY DATA SHEET

REVISION: 08/20/2015

8400 Green Meadows Dr.  
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## **DIA-GLO™ D, L & S POWDER MARBLE POLISHING COMPOUND**

### **1. PRODUCT & COMPANY INFORMATION**

#### 1.1 PRODUCT IDENTIFIER(S)

PRODUCT NAME: DIA-GLO™ D, L or S POWDER

STOCK NUMBERS: DIA-GLO™ D – C920GD03 & C920GD24  
DIA-GLO™ L - C920GL03 & C920GL24  
DIA-GLO™ S - C920GS03 & C920GS24

CAS#: SEE BELOW

#### 1.2 COMPANY INFORMATION

ABRASIVE TECHNOLOGY, INC  
8400 GREEN MEADOWS DR.  
LEWIS CENTER, OHIO 43035

TELEPHONE 740-548-4100 (8:00 am to 5:00 pm EST)  
FAX 740-548-7617

#### 1.3 EMERGENCY PHONE NUMBERS

NORTH AMERICA (24 HRS) CHEMTREC 800-424-9300  
OUTSIDE NORTH AMERICA (COLLECT) 703-527-3887

### **2. HAZARDS IDENTIFICATION**

#### **2.1 Classification of the substance or mixture**

Corrosive to metals: Category 1

Acute toxicity (Oral): Category 4

Skin corrosion: Category 1A

Serious eye damage: Category 1

## **2. HAZARDS IDENTIFICATION (CONTINUED)**

### **2.2 GHS Label elements, including precautionary statements**



**Signal word:** Danger

**Hazard Statement(s):** May be corrosive to metals  
Harmful if swallowed  
Causes severe skin burns and eye damage

#### **Precautionary Statements**

**Prevention:** Keep only in original container. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:** IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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/ physician. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

**Storage:** Store locked up. Store in corrosive resistant stainless steel container with a resistant liner.

**Disposal:** Dispose of contents/ container to an approved waste disposal plant

### **2.3 Hazards not otherwise classified (HNOC) or not covered by GHS**

None known

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### **3.1 Substances – Mixture of proprietary composition**

<b><u>Chemical name</u></b>	<b><u>CAS-No.</u></b>	<b><u>Carcinogen</u></b>
Aluminum Oxide	1344-28-1	N
Industrial Diamond	7782-40-3	N
Magnesium Fluoride	1897-25-60	N

**Composition is proprietary**

### **4. FIRST AID MEASURES**

#### **4.1 Description of first aid measures**

##### **General advice**

**Move out of dangerous area.**

##### **If inhaled**

**If breathed in, move person into fresh air. If not breathing, give artificial respiration.**

##### **In case of skin contact**

**Wash off with soap and plenty of water.**

##### **In case of eye contact**

**Flush eyes with water as a precaution.**

##### **If swallowed**

**Never give anything by mouth to an unconscious person. Rinse mouth with water.**

#### **4.2 Most important symptoms and effects, both acute and delayed**

**The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11**

#### **4.3 Indication of any immediate medical attention and special treatment needed**

**No data available**

## **5. FIREFIGHTING MEASURES**

### **5.1 Extinguishing media**

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **5.2 Special hazards arising from the substance or mixture**

Cerium oxides

### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

### **5.4 Further information**

No data available

## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapors, mist or gas.

For personal protection see section 8.

### **6.2 Environmental precautions**

Do not let product enter drains.

### **6.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### **6.4 Reference to other sections**

For disposal see section 13.

## **7. HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

### **7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place.

Keep in a dry place.

### **7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 Control parameters**

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### **8.2 Exposure controls**

General industrial hygiene practice.

Personal protective equipment

### **Appropriate engineering controls**

#### **Eye/face protection:**

Safety goggles or safety faceshield

#### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### **Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### **Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### **Control of environmental exposure**

Do not let product enter drains.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

<b>a) Appearance</b>	<b>Form: powder</b>
<b>b) Odor</b>	no data available
<b>c) Odor Threshold</b>	no data available
<b>d) pH</b>	no data available
<b>e) Melting point/freezing point</b>	no data available
<b>f) Initial boiling point and Boiling range</b>	> 100 °C Guideline 103
<b>g) Flash point</b>	not applicable
<b>h) Evaporation rate</b>	no data available
<b>i) Flammability (solid, gas)</b>	no data available
<b>j) Upper/lower flammability or explosive limits</b>	no data available
<b>k) Vapor pressure</b>	no data available
<b>l) Vapor density</b>	no data available
<b>m) Relative density</b>	no data available
<b>n) Water solubility</b>	insoluble
<b>o) Partition coefficient: N-octanol/water</b>	no data available
<b>p) Auto-ignition temperature</b>	no data available
<b>q) Decomposition temperature</b>	no data available
<b>r) Viscosity</b>	no data available
<b>s) Explosive properties</b>	no data available
<b>t) Oxidizing properties</b>	no data available
<b>9.2 Other safety information</b>	no data available

## **10. STABILITY AND REACTIVITY**

### **10.1 Reactivity**

No data available

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reactions**

No data available

### **10.4 Conditions to avoid**

No data available

### **10.5 Incompatible materials**

Strong oxidizing agents

### **10.6 Hazardous decomposition products**

Other decomposition products - no data available

In the event of fire: see section 5

## **11. TOXICOLOGICAL INFORMATION**

<b>Information on likely routes of exposure :</b>	Inhalation, Eye contact, Skin Contact
<b>Potential Health Effects Eyes :</b>	Causes serious eye damage.
<b>Skin :</b>	Causes severe skin burns.
<b>Ingestion :</b>	Harmful if swallowed. Causes digestive tract burns.
<b>Inhalation :</b>	May cause nose, throat, and lung irritation.
<b>Chronic Exposure :</b>	Health injuries are not known or expected under normal use.

## **11. TOXICOLOGICAL INFORMATION (CONT.)**

### **Experience with human exposure**

**Eye contact :** Redness, Pain, Corrosion

**Skin contact :** Redness, Pain, Corrosion

**Ingestion :** Health injuries are not known or expected under normal use Corrosion, Abdominal pain

**Inhalation :** Respiratory irritation, Cough

### **Toxicity**

**Acute oral toxicity :** Acute toxicity estimate : 599.98 mg/kg

**Acute inhalation toxicity :** 4 h Acute toxicity estimate : > 40 mg/l

**Acute dermal toxicity :** Acute toxicity estimate : 2,400 mg/kg

**Skin corrosion/irritation :** no data available

**Serious eye damage/eye irritation :** no data available

**Respiratory or skin sensitization :** no data available

**Carcinogenicity :** no data available

**Reproductive effects :** no data available

**Germ cell mutagenicity :** no data available

**Teratogenicity :** no data available

**STOT-single exposure :** no data available

**STOT-repeated exposure :** no data available

**Aspiration toxicity :** no data available



## **12. ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

**Toxicity to fish** No data available

**Toxicity to daphnia and  
- > 1,000 mg/l - 48 h  
(OECD Test Guideline 202)** No data available

**Toxicity to bacteria** EC50 - Sludge Treatment - > 1,000 mg/l - 3 h

**12.2 Persistence and degradability** no data available

**12.3 Bioaccumulative potential** no data available

**12.4 Mobility in soil** no data available

**12.5 Results of PBT and vPvB assessment** PBT/vPvB assessment not available as  
chemical safety assessment not  
required/not conducted

**12.6 Other adverse effects** no data available

## **13. DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

**Product - Offer surplus and non-recyclable solutions to a licensed disposal company.**

### **Contaminated packaging**

**Dispose of as unused product.**

## **14. TRANSPORT INFORMATION**

### **DOT (US)**

Not dangerous goods

### **IMDG**

Not dangerous goods

### **IATA**

Not dangerous goods

## **15. REGULATORY INFORMATION**

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards:** Chronic Health Hazard

**Massachusetts Right To Know Components:** No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components:** Cerium(IV) oxide CAS-No. 1306-38-3  
**Revision Date**

**New Jersey Right To Know Components:** Cerium(IV) oxide CAS-No.1306-38-3  
**Revision Date**

**California Prop. 65 Components:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## **16. OTHER INFORMATION**

### **HMIS Rating**

**Health hazard: 1**

**Chronic Health Hazard: \***

**Flammability: 0**

**Physical Hazard 0**

### **NFPA Rating**

**Health hazard: 1**

**Fire Hazard: 0**

**Reactivity Hazard: 0**

### **Further information**

User is granted the ability to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Abrasive Technology, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

### **SDS PREPARATION INFORMATION**

**ABRASIVE TECHNOLOGY, INC.**

**DOUGLAS G. ANDERSON**

**DATE PREPARED: 07/01/2015**

**DATE REVISED:08/20/2015**

**PURPOSE OF REVISION:INFORMATION UPDATE**