

SAFETY DATA SHEET

REVISION: 10/28/2015

DIA-GLO™ D, L & S POWDER GRANITE POLISHING COMPOUND

8400 Green Meadows Dr.
P.O. Box 545
Lewis Center, OH 43035

P: 740.548.4100
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1. PRODUCT & COMPANY INFORMATION

1.1 PRODUCT IDENTIFIER(S)

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

STOCK NUMBERS: DIA-GLO™ D (DARK) – C920GD03 & C920GD24
DIA-GLO™ L (LIGHT) - C920GL03 & C920GL24
DIA-GLO™ S (BLACK) - 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

<u>Chemical name</u>	<u>CAS-No.</u>	<u>Carcinogen</u>
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

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

Information on likely routes of exposure :	Inhalation, Eye contact, Skin Contact
Potential Health Effects Eyes :	Causes serious eye damage.
Skin :	Causes severe skin burns.
Ingestion :	Harmful if swallowed. Causes digestive tract burns.
Inhalation :	May cause nose, throat, and lung irritation.
Chronic Exposure :	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 No data available

- > 1,000 mg/l - 48 h
(OECD Test Guideline 202)

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:10/28/2015

PURPOSE OF REVISION: INFORMATION UPDATE