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Section 1: Product and Company Identification

Product Name: Diamond Micro Powder

Product Number Brand: DP-MD

Emergency Phone Number: 1-520-514-1100

Contact Information:

AdValue Technology, LLC

3158 S. Chrysler Ave.,

Tucson, AZ 85713

United States

Tel: 1-520-514-1100

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Section 2: Hazards Identification

Emergency Overview

OSHA Hazards

No Known OSHA Hazards

HMIS Classification

Health Hazard: 0

Flammability: 0

Physical hazards: 0

NFPA Rating

Health Hazard: 0

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

1. May be harmful if inhaled. May cause respiratory tract irritation.
2. May be harmful if absorbed through skin. May cause skin irritation.
3. May cause eye irritation. Ingestion May be harmful if swallowed.

Section 3: Composition/Information on Ingredients

Material: Artificial Diamond

CAS-No.	EC-No.	Index-No.	Concentration
Diamond micro-powder			
7782-40-3	231-953-2	-	100%

Section 4: First-Aid Measures

Eye contact	Rinse with running water
Skin contact	Wash off with soap and plenty of water. Consult a physician.
Inhalation	Transfer to fresh air. Rest and keep warm. If your breathing becomes shallow, give oxygen and seek medical assistance.
If swallowed	Rinse mouth with water. Consult a physician.

Section 5: Fire Control Measures

Fire extinguishing methods and extinguishing agents

Adopt appropriate fire extinguishing measures according to the situation and surrounding environment.

Fire precautions and measures

As far as possible, the container from the fire to the open area. Spray water to keep the fire container cool until the fire is over. In case of fire, fire personnel must operate in a protected shelter. If necessary, wear self-contained breathing apparatus to fight the fire.

Section 6: Leakage Emergency Treatment

Personnel protections	Use personal protective equipment. Avoid dust formation. Avoid inhaling steam, mist or gas.
Environmental Precautions	No special environmental prevention requirements.
Storage, Removal Methods	Do not produce dust when collecting and disposing. Sweep and shovel. Put into a suitable enclosed device to be disposed of.

Section 7: Handling and Storage

Handling	Keep the container in a ventilated place.
Storage	Stored in a cool, dry, and protected area.

Section 8: Exposure Controls/Personal Protection

Eye protection

Use protective equipment that meets official standards

Skin protection

Wear gloves for use. Remove gloves using appropriate methods (do not touch the outer surface of the gloves). Avoid any skin site contact with this product. Please handle the contaminated gloves carefully according to the relevant laws and regulations after use, and clean your hands.

Respiratory Protection

For protection against dust damage, use N95 or P1 protective masks.

Section 9: Physical and Chemical Properties

Appearance and character	Light green powder
Smell	Odorless
Threshold odour number	no data available
pH value	no data available
Melting point/solidification point	3727°C
Initial boiling point and boiling process	no data available
Flash point	Not applicable
Evaporation rate	no data available
Inflammability	no data available
Density/relative density	3.5g/mL 25°C
Water-solubility	Insoluble
Auto-genous ignition temperature	>420°C 1013 hectopascal
Explosive characteristics	no data available
Oxidizability	no data available

Section 10: Stability and Reactivity

Stable under recommended storage conditions

Ligands: strong oxidants

Section 11: Toxicological Information

Acute toxicity

no data available

Skin corrosion test

no data available

NO: TBK20230828Lab40401-2

Severe eye damage, eye irritation: no data available

Carcinogenicity: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Genotoxicity: No data available

Section 12: Environmental Information

Ecotoxicity	no data available
Toxicity to fish	LC50 Oncorhynchus mykiss 100mg/L 96H
Toxicity to hydroponics and other aquatic invertebrates	EC50 Daphnia magna 100mg/L 48H
Persistence and degradability	no data available
Biotic pyramid	no data available
Migration in soils	no data available
Other environmentally harmful effects	no data available

Section 13: Disposal Considerations

Handed over to licensed companies for processing

Unclean packaging: Disposal in accordance with national and local regulations

Precautions for disposal: Please refer to relevant national and local regulations before disposal.

Section 14: Transport Information

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

Section 15: Regulatory Information

No listed as hazardous chemicals.

Miscellaneous provisions: Please note that waste disposal meets local regulatory requirements.

Section 16: Other Information

Further information

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