

GLENDO LLC

SAFETY DATA SHEET

1. PRODUCT AND COMPANY INFORMATION

1.1 PRODUCT IDENTIFIER(S)

Product Name: Spray Diamond (Non-flammable)

Stock Number: 002-752-NF, 002-753-NF, 002-754-NF, 001-782-1/4-NF, 001-782-1/2-NF, 003-557, 003-560, 003-572, 003-611, 001-612-220, 001-782-1-NF, 001-831-220

1.2 COMPANY INFORMATION

Distributor's Name: Glendo LLC

Address: 900 Overlander Road, Emporia, KS 66801

Phone: (620) 343-1084

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

H320-CAUSES EYE IRRITATION (EYE IRRITATION 2B)

2.2 GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

LABEL ELEMENTS

GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).

HAZARD PICTOGRAMS: None

SIGNAL WORD: Warning

HAZARD STATEMENTS

Causes eye irritation.

PRECAUTIONARY STATEMENTS

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Wash thoroughly after handling.

IF IN EYES: Rinse carefully with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical attention.

2.3 HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS

None.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

Hazardous Components: None

CHEMICAL NAME	CAS #	Amount
Micron Sized Industrial Diamond	CAS# 7782-40-3	1%–5% by WT
Water Distilled or Deionized	CAS# 7732-18-5	Remainder

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 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 NON-FLAMMABLE

But in case of other fire, see below

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 fire fighting 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. No other special measures needed.

6.2 ENVIRONMENTAL PRECAUTIONS

None.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Clean up water. No other special measures needed.

6.4 REFERENCE TO OTHER SECTIONS

Rinse residue down drain and clean up water.

No other special measures needed.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

No special precautions needed.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container tightly closed when not in use.

7.3 SPECIFIC END USE(S)

Use per instructions. No other special measures needed.

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

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment.

EYE/FACE PROTECTION

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

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.

Full contact

Material: Nitrile rubber

Minimum Layer Thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatri® (KCL 740 / Aldrich Z677272, Size M)

Splash contact

Material: Nitrile rubber

Minimum Layer Thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatri® (KCL 740 / Aldrich Z677272, Size M)

Data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

BODY PROTECTION

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace, 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: water
- b) **Odor:** Odorless
- c) **Odor Threshold:** No data available
- d) **pH:** No data available
- e) **Melting point/freezing point:** 0 °C (> 32 °F) - OECD Test Guideline 102
- f) **Initial boiling point and boiling range:** 100 °C (212 °F) - OECD Test 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:** Not determined
- n) **Water solubility**
- o) **Partition coefficient:** N-octanol/water No data available
- p) **Auto-ignition temperature:** > 400 °C (> 752 °F)
- 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

Stable

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

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Toxicity: No data available

Skin corrosion / irritation: Skin - rabbit

Result: No skin irritation - 4 h

SERIOUS EYE DAMAGE / EYE IRRITATION

Liquid: No irritating effect

Result: Mild eye irritation from micron abrasive

RESPIRATORY OR SKIN SENSITIZATION

Maximization Test - Guinea pig

Result: Did not cause sensitization on laboratory animals

CARCINOGENIC CATEGORIES

IARC (International Agency for Research on Cancer): No ingredients listed

NTP (National Toxicology Program): No ingredients listed

OSHA-Ca (Occupational Safety & Health Administration): No ingredients listed

12. ECOLOGICAL INFORMATION

12.1 TOXICITY

Toxicity to fish: No data available

Persistence and degradability: No data available

Other aquatic invertebrates: No data available

Toxicity to bacteria: No data available

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)	IMDG	IATA
	Not dangerous goods	Not dangerous goods	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

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tbody> <tr> <td>Health Hazard</td> <td>0</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </tbody> </table> <p>Chronic Health Hazard: * Physical Hazard 0</p>	Health Hazard	0	Fire Hazard	0	Reactivity	0		<p>Not Regulated</p>
Health Hazard	0								
Fire Hazard	0								
Reactivity	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. GLENDO, LLC. shall not be held liable for any damage resulting from handling or from contact with the above product.

Issuing Date: 08/19/2015

Supersedes: 08/13/2014