

GLEND0 LLC

SAFETY DATA SHEET

1. PRODUCT AND COMPANY INFORMATION

1.1 PRODUCT IDENTIFIER(S)

Product Name: Spray Diamond (Alcohol-based)

Stock Number: 002-752, 002-753, 002-754, 002-755, 002-817, 001-782-1/4, 001-782-1/2, 001-782-1, 001-782-3

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



H225: HIGHLY FLAMMABLE LIQUID AND VAPOR



H319: CAUSES SERIOUS EYE IRRITATION

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



GHS02



GHS08

SIGNAL WORD: Danger

HAZARD-DETERMINING COMPONENTS OF LABELING: Ethanol

HAZARD STATEMENTS

Highly flammable liquid and vapor.

May cause cancer.

PRECAUTIONARY STATEMENTS

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

Keep out of reach of children.

Read label before use.

Keep away from heat, sparks, open flames, and hot surfaces. No smoking.

Use explosion-proof electrical, ventilating, and lighting equipment.

Wear protective gloves, eye protection, and face protection.

Ground/bond container and receiving equipment.

Keep container tightly closed.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Store locked up.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local, regional, national, and international regulations.

Wash thoroughly after handling.

IF ON SKIN (OR HAIR): Immediately remove/take off all contaminated clothing. Rinse skin with water/shower.

IF EXPOSED OR CONCERNED: Get medical advice/attention.

IN CASE OF FIRE: USE FOR EXTINCTION: CO₂, powder, or water spray.

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: Ethanol

CHEMICAL NAME	CAS #	Amount
Ethanol Alcohol	CAS# 64-17-5	40%–60%
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 HIGHLY FLAMMABLE

But in case of other fire, see below

5.1 EXTINGUISHING MEDIA

Suitable extinguishing media: CO₂, sand, or dry fire extinguisher

DO NOT use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Ethanol alcohol

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 vapor formation. No other special measures needed.

6.2 ENVIRONMENTAL PRECAUTIONS

Keep out of sewer system or other waters.

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.

Keep sources of ignition away. Do not smoke.

7.3 SPECIFIC END USE(S)

Use per instructions. No other special measures needed.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION, AND CONTROL PARAMETERS

Components with limit values that require monitoring at the workplace:

64-17-5 Ethanol

PEL Long-term value: 1900 mg/m³, 1000 ppm

REL Long-term value: 1900 mg/m³, 1000 ppm

TLV Short-term value: 1880 mg/m³ 1000 ppm

8.1 CONTROL PARAMETERS

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 EXPOSURE CONTROLS

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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 the 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: Dermatrill® (KCL 740 / Aldrich Z677272, Size M)

Splash contact

Material: Nitrile rubber

Minimum Layer Thickness: 0.11 mm

Break through time: 480 min

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

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 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 dust 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: Clear colorless liquid

b) Odor: Ethereal

c) Odor threshold: No data available

d) pH: No data available

e) Melting point/freezing point

f) Initial boiling point and boiling: 78°C / 172°F

g) Flash point: 13° - 16° C / 55° - 61° F

h) Evaporation rate: No data available

i) Flammability (solid, gas): No data available

j) **Lower/upper explosive limits:** 3.1% to 23.5% (V)

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 < 1.0

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

Stable

10.2 CHEMICAL STABILITY

Reacts with strong oxidizers and acids. Stable under recommended storage conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No data available

10.4 CONDITIONS TO AVOID

Heat, sparks, open flames, and static discharge

10.5 INCOMPATIBLE MATERIALS

Strong oxidizing agents and strong acids

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: No data available

SERIOUS EYE DAMAGE/EYE IRRITATION

Liquid: Ethanol

Result: Eye irritation

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
UN/NA#	1170	1170	1170
PACK GRP	3	3	3
SHIP NAME	Ethanol	Ethanol	Ethanol
PLACARD #	3	3	3
ENV. HAZARD	No	No	No
LAND (as per ADR classification): REGULATED			

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.

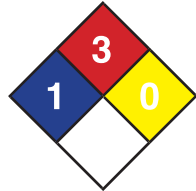
Pennsylvania Right To Know Components: Cerium(IV) oxide CAS-No. 1306-38-3 Revision Date

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

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NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td>Health Hazard</td><td>1</td></tr><tr><td>Fire Hazard</td><td>3</td></tr><tr><td>Reactivity</td><td>0</td></tr></table> Chronic Health Hazard: * Physical Hazard 0	Health Hazard	1	Fire Hazard	3	Reactivity	0		Not Regulated
Health Hazard	1								
Fire Hazard	3								
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. GLEND0, LLC. shall not be held liable for any damage resulting from handling or from contact with the above product.

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