

SAFETY DATA SHEET

1. Identification

Name of the product: DIAMOND SHIELD

Recommended use: Hard Surface Extraction Concentrate

Manufacturer:

Brady Industries

7055 Lindell Rd

Las Vegas, NV 89118

Product Technical Information: 1-800-293-4698

Medical/Handling Emergency: 1-800-255-3924

Transportation Emergency: 1-800-255-3924

2. Hazard(s) identification

GHS Classification: Classification of this mixture in accordance with paragraph (d) of §1910.1200.
Eye Damage/Irritation - Category 2A

Label elements:

Symbol:



Signal word: **WARNING**

Hazard statements: Causes serious eye irritation.

Precautionary statements:

Wash hands, face and any skin contact thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage:

Not applicable

Disposal:

Not applicable

Other Hazards:

None known

Other Information:

May be harmful if swallowed

May cause skin irritation.

Keep out of reach of children

SAFETY DATA SHEET

3. Composition / Information on ingredients

CHEMICAL NAME	CAS NUMBER	WEIGHT %
Surfactant	TRADE SECRET per paragraph (i) of §1910.1200	10 - 20%
Wax	TRADE SECRET per paragraph (i) of §1910.1200	1 – 10%
Isopropanol	67-63-0	1 – 5%

4. First aid measures

Inhalation:

If adverse effects such as dizziness, nausea or irritation are noted, move person to fresh air. Contact a physician if you feel unwell.

Skin contact:

Wash with soap and water. Get medical attention if irritation persists after washing.

Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if irritation persists.

Ingestion:

Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Contact a physician if you feel unwell.

5. Firefighting measures

Suitable extinguishing media: Product does not support combustion. Use media most appropriate for surrounding fire.

Specific hazards in case of fire: May decompose upon heating to produce oxides of carbon.

Special protective equipment and precaution for fire fighters: For fires in enclosed areas, wear self-contained breathing apparatus. Do not inhale combustion gases.

SAFETY DATA SHEET

6. Accidental release measures

Personal precautions:

Prevent contact with skin, eyes or clothing. Use personal protective equipment as required.

Environmental precautions:

Do not release to the environment or water source.

Methods and materials for containment and cleaning up:

Halt spill at source and contain or dike spill with sand or inert absorbent material. Transfer any liquid to containers for recovery or disposal. Collect used absorbent into drums for disposal in accordance with all applicable local and national regulations.

7. Handling and storage

Precautions for safe handling:

Avoid contact with skin and eyes; wash thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including incompatibilities:

KEEP FROM FREEZING! Store in a dry location at room temperature. Keep container closed and maintain all original markings and labels. Keep out of reach of children.

8. Exposure controls / personal protection

Exposure Limits:

None established.

Ventilation:

Proper ventilation in accordance with good industrial hygiene should be provided.

Respiratory protection:

None required in under normal conditions of use.

Eye protection:

Wear approved safety glasses with side shields. Safety goggles are recommended.

Skin protection:

Wear rubber gloves.

SAFETY DATA SHEET

Work hygienic practices: Cleanse skin thoroughly after contact, before breaks and meals and at the end of the work shift.

9. Physical and chemical properties

Physical state: Liquid

Color: Pale yellow

Odor: Citrus

pH (RTU): 8.5 – 10.5

Freezing Point: 32 °F

Initial boiling point: 212 °F

Flash point: >200 °F

Evaporation rate (Water=1): Slower than water

Upper flammability limit: No data available

Lower flammability limit: No data available

Vapor pressure: Similar to water

Vapor density (Water Vapor=1): Similar to water

Specific gravity: 1.02 to 1.04

Solubility: Complete in water

Partition coefficient: No data available

Autoignition temperature: No data available

Decomposition temperature: No data available

Volatile Organic Compounds (VOC): < 2% (EPA method 24)

Viscosity: Similar to water

10. Stability and reactivity

Chemical stability: Stable.

Possibility of hazardous reactions: None are known.

Conditions to avoid: Temperatures 130 °F or below 32 °F.

Materials to avoid: Do not mix other chemicals.

Hazardous decomposition products: Thermal decomposition may produce toxic materials such as oxides of carbon.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

SAFETY DATA SHEET

Acute Toxicity:

Theoretical calculated weighted Oral LD50 > 2000 mg/kg

Theoretical calculated weighted Dermal LD50 > 2000 mg/kg

Theoretical calculated weighted Inhalation LD50 > 20 mg/L

Likely routes of exposure: Eyes, skin, ingestion

Symptoms of exposure:

Eye contact: Pain and redness

Skin contact: Drying of skin

Inhalation: Nasal discomfort and coughing

Ingestion: Pain, nausea, vomiting and diarrhea

Immediate, delayed, chronic effects:

Product information: No data available

Target organ effects: Eyes, skin

Carcinogenicity:

This product does not contain a listed carcinogen from NTP, ACGIH or IARC.

Irritation:

This product can be expected to be an eye irritant. Not a skin sensitizer.

12. Ecological information

Ecotoxicity: Not determined.

Persistence and degradability: No data available but expected to be readily biodegradable based on ingredients.

Bioaccumulation: No data available but expected not to bioaccumulate based on ingredients.

13. Disposal considerations

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous waste code: Not applicable

SAFETY DATA SHEET

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill.

14. Transport information

U.S. Department of Transportation Proper Shipping Name: NOT REGULATED

15. Regulatory information

Toxic Substances Control Act: (USA):

All of the materials in this product are listed or exempt.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

No

SARA 313 (TRI reporting)

Not regulated.

California Proposition 65

This product does not contain any Proposition 65 chemicals.

16. Other information

HMIS HAZARD RATING INFORMATION:

HEALTH: 2 FIRE: 0 REACTIVITY: 0 SPECIAL: B

4=Extreme

3=High

SAFETY DATA SHEET

2=Moderate
1=Slight
0=Insignificant

HMIS PROTECTION:



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