

SAFETY DATA SHEET



PRODUCT CODE: 13910, 13920

Section 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DRI-PREP™
PRODUCT CODE: 13910, 13920

MANUFACTURER: Garon Products Inc.
STREET ADDRESS: PO Box 1924
CITY, STATE, ZIP: Wall, NJ 07719-1924

INFORMATION PHONE: 800-631-5380
EMERGENCY PHONE: Chemtrec 800-424-9300
FAX PHONE: 732-223-2002

DATE REVISED 07/01/15

Chemical Name or Class: Dry Acid Crystals

Section 2: HAZARDS IDENTIFICATION

2.1 Classification of the Chemical:

Hazard Class:

Acute Toxicity	3
Skin Irritation	2
Eye Irritation	2A
Chronic Aquatic Toxicity	3

2.2 Label Elements:

Hazard Pictogram Labels: Exclamation

Signal Word: Warning

Hazard Statement: Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

Prevention: Wash skin thoroughly after handling. Avoid release to the environment. Wear protective gloves/eye protection/face protection.

Response:

If Swallowed:	Immediately call a poison center/doctor. Rinse mouth.
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.
If on Skin:	Wash with plenty of soap and water. If skin irritation occurs get medical advice/attention. Take off contaminated clothing and wash before reuse.

Disposal: Dispose of contents and container in accordance with all local, regional, national, and international regulations.

2.3 Additional Information:

Hazards not otherwise classified: N/A

42.3% of the mixture consists of ingredient(s) of unknown acute toxicity.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Mixtures:

<u>Ingredient</u>	<u>CAS #</u>	<u>Wt. %</u>	<u>GHS-US Classification</u>
Sulphamidic Acid	5329-14-6	90-100	Skin Irrit. 2 Eye Irrit. 2A Aquatic Acute 3 Aquatic Chronic 3 H315, H319, H412

SAFETY DATA SHEET



PRODUCT CODE: 13910, 13920

The exact percentage (concentration) or chemicals has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200

Section 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

- General:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
- Eye:** In case of contact, rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- Skin:** In case of contact, wash off with soap and plenty of water. Consult a physician.
- Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- Ingestion:** If swallowed, never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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 section 11.

4.3 Indication of Any Immediate Medical Attention and Special Treatments Needed: In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Section 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

- Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable Extinguishing Media:** N/A

5.2 Special Hazards Arising from the Chemical: Nitrogen oxides (NO_x), Sulphur oxides

5.3 Special Protective Equipment and Precautions for Fire Fighters: Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.

6.2 Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and Materials for Containment/Cleanup: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. For disposal see section 13.

Section 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

- Handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. 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:

- Storage:** Keep container tightly closed in a dry and well-ventilated place.

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control Parameters: Contains no substance with occupational exposure limit values.

8.2 Exposure Controls:

Engineering Controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

8.3 Individual Protective Measures:

Personal Protective Equipment:

Eye/Face Protection: Safety glasses with side-shields conforming to EN166 use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).

SAFETY DATA SHEET

Skin Protection: Handles 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: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection: For nuisance exposures use type P95 (US) or type P1 (EU EN143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of Environmental Exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance: Solid	Color: White	Odor: N/A
Odor Threshold: N/A	Physical State: Solid	pH: 1.5 at 10 g/l at 20°C (68°F)
Viscosity: N/A	Freezing Point: N/A	Boiling Point: N/A
Melting Point: 215-225°C (419-437°F)	Flash Point: N/A	Evaporation Rate: N/A
Lower Flammability Limit: N/A	Vapor Density: N/A	Bulk Density: N/A
Vapor Pressure: 0.008 hPa (0.006 mmHg) at 20°C (68°F), 0.025 hPa (0.019 mmHg) at 100°C (212°F)		
Relative Density: 2.151 g/cm ³ at 35°C (77°F)	Lower Explosion Limit: N/A	Upper Explosion Limit: N/A
Solubility in Water: 213 g/l at 20°C (68°F) 470 g/l at 80°C (176°F)	Percent Volatile, wt. %: N/A	
Coefficient of Water/Oil Distribution: N/A	Auto-ignition Temperature: N/A	VOC Content, wt. %: 0% N/A; 0 wt., N/A
Decomposition Temperature: 209°C (408°F)		

Section 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, strong bases
10.6 Hazardous Decomposition Products:	No data available

Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute Toxicity:

Ingredient	LD50- Oral rat	LD50-Oral mouse	LD50-Oral guinea pig
Sulphamidic acid	3160 mg/kg	1312 mg/kg	1050 mg/kg

11.2 Delayed, Immediate and Chronic Effects of Short- and Long- Term Exposure:

Skin Corrosion/Irritation:	Mild skin irritation
Serious Eye Damage/Irritation:	Moderate eye irritation
Respiratory Sensitization:	N/A
Skin Sensitization:	N/A
STOT-Single Exposure:	N/A
Carcinogenicity:	N/A
Germ Cell Mutagenicity:	N/A
Reproductive Toxicity:	N/A
STOT-Repeated Exposure:	N/A
Aspiration Hazard:	N/A

SAFETY DATA SHEET

GARON

PRODUCT CODE: 13910, 13920

Other Information: Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Symptoms and signs of poisoning are burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting, Inhalation may provoke the following symptoms: spasm, inflammation and edema of the bronchi, spasm, inflammation and edema of the larynx, Aspiration or inhalation may cause chemical pneumonitis.

Section 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Toxicity to fish: Static test LC50 – Pimephales Promelas (fathead minnow) - 70.3 mg/l – 96 h.

Toxicity to daphnia and other aquatic invertebrates: No data available.

Toxicity to algae: No data available.

12.2 Persistence and Degradability: Not readily biodegradable

12.3 Bioaccumulative Potential: No data available.

12.4 Mobility in Soil: No data available.

12.5 Other Adverse Effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

Section 13: DIPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Disposal Method: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Other disposal recommendations: N/A

Section 14: TRANSPORTATION INFORMATION

14.1 UN Number: UN2967

14.2 UN Proper Shipping Name: Sulfamic Acid

14.3 Transport Hazard Class (ES): Not Applicable

14.4 Packing Group: III

14.5 Environmental Hazards: Not Applicable

14.6 Transport in Bulk According to Annex II or Marpol 73/78 and the IBC Code: Not Applicable

14.7 Special Precautions for User: Do not handle until all safety precautions have been read and understood

Section 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislations Specific for the Chemical:

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: Acute Health Hazard.

STATE REGULATIONS:

Massachusetts Right to Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right to Know Components: Sulphamidic acid

New Jersey Right to Know Components: Sulphamidic acid

California Prop. 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other

SAFETY DATA SHEET



PRODUCT CODE: 13910, 13920

reproductive harm.

HMIS Rating:

Health: 2
Flammability: 0
Physical Hazard: 0

NFPA- National Fire Protection Association:

Health: 2
Fire: 0
Reactivity: 0

Hazard Rating:

0 = minimal 1 = slight 2 = moderate 3 = severe 4 = extreme

Source Agency Carcinogen Classifications:

- OSHA (O)** 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 OSHA.
- ACGIH (G)** 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 ACGIH.
- IARC (I)** 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.
- NTP (N)** 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 NTP.

Section 16: OTHER INFORMATION