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1. PRODUCT IDENTIFICATION

Product Name: Pinscher® PGR

EPA Reg. No.: 69117-7

EPA Est: 69117-NE-1

EPA Signal Word: Caution

Chemical Class: Tree Growth Regulator

2. COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredient (%): 2,3:4,6-bis-O-(1-methylethylidene)- α -L-xylo-2-hexulofuranosonic acid, sodium salt (Dikegulac sodium) (18.5%)

CAS No.: 52508-35-7

3. HAZARDS IDENTIFICATION

Hazard Category: Acute

Hazardous Identification Information: Light blue liquid; no distinguishable odor. Irritant

4. FIRST AID MEASURES

Primary Route of Exposure: Contact, inhalation, and ingestion.

Have the product container, label, or Material Safety Data Sheet with you when calling a poison control center or doctor, or going for treatment.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

5. FIRE FIGHTING MEASURES

Flash Point: 111°F

Flammable Limits: Not available

Fire Extinguishing Media: Foam, CO₂, dry chemical and/or water as appropriate for fire of surrounding materials. The low flash point of this product is due to a minor component in the mixture. Based on independent laboratory testing of similar products, this product would not sustain combustion as specified in DOT Regulation 49 CFR 173 Appendix H, and therefore, would not be classified as a combustible liquid.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus.

Unusual Fire and Explosion: Runoff from fire control may pollute surface water. If pollution occurs, call local authorities.

6. ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled: Do not touch spilled product. Contain and collect spilled material with inert absorbent; place in suitable container(s) for disposal. Cover and label the container(s). Wash area with water, if possible.

7. HANDLING AND STORAGE

Precaution: Do not contaminate water, food, or feed by storage or disposal.

Storage: Store in original container in a locked storage area. Keep from freezing. To prevent cross contamination, do not store near other pesticides, fertilizers, seeds, food, or feed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear protective eyewear and rubber or neoprene gloves when handling ArborSystems™ Direct-Inject™ chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light blue liquid

Odor: Odorless

Specific Gravity (H₂O = 1): 1.09510

Solubility in Water: Soluble

Boiling Point: 212°F

Melting Point: Not applicable

Vapor Pressure (MM HG): < 17 @ 20°C

pH: 9.5

Density: 9.12 pounds/gallon @ 20°C

Viscosity: 5 cP @ 25°C

Evaporation Rate (Butyl Acetate = 1): > 1

Vapor Density (Air = 1): < 1

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility (Materials to Avoid): None known

Hazardous Polymerization: Will not occur

Hazardous Decomposition/By-Products: None known

11. TOXICOLOGICAL INFORMATION

Ingestion LD50: > 5000 mg/kg body weight

Dermal LD50: > 1000 mg/kg body weight

Inhalation LC50 (4H): 25.24 mg/L (male rats); 27.92 mg/L (female rats)

Oral LD50: > 5000 mg/kg body weight

12. ECOLOGICAL INFORMATION

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal.

Storage: Store in original closed container, in a cool, dry place.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning; if burned, stay out of smoke.



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14. TRANSPORT INFORMATION

In our current available container size, this product does not qualify as a Hazardous Material. The following guideline applies for domestic ground transport: Freight Class: Inhibitors, Modifiers, or Regulators, Plant Growth - NMFC #101685.

15. REGULATORY INFORMATION

OSHA Status: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200).

TSCA Status: This product is exempt from TSCA Regulation under FIFRA Section 3(2)(B)(ii) when used as a pesticide.

CERCLA Reportable Quantity: None

SARA Title III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazard Categories: Immediate health hazard

Section 313 Toxic Chemicals: None

RCRA Status: If discarded in its purchased form, this product would not be hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product derived from the product should be classified as a hazardous waste (40 CFR 261.20-24).

16. OTHER INFORMATION

NFPA Hazard Ratings

Health: 1

Fire: 1

Reactivity: 0

0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Severe

Revision: 11/08

Supersedes: 04/04, 10/04 and 05/08 versions

*The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. It is the responsibility of the user to comply with all laws and procedures applicable to the safe handling, storage, and use of this product and to determine the suitability of the product for its intended use. **IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.***

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