

Product: 655-691 Prentox[®] Rotenone Fish Toxicant Powder

Material Safety Data Sheet
U.S. Department of Labor (OSHA 29 CFR 1910.1200)

Section I: Product Identification

Product: 655-691 Prentox[®] Rotenone Fish Toxicant Powder

Manufacturer's Name: Prentiss Incorporated

C. B. 2000

Floral Park, NY 11001

Telephone Number: (516) 326-1919

Date Prepared: September 9, 1992

Supersedes: November 4, 1991

Reason: Revision of sections II, VI & VII.

Section II: Hazardous Ingredients/Identity Information

Hazardous Components:

Rotenone (CAS # 83-79-4)

Nuisance dusts

OSHA PEL	ACGIH TLV	%
(STEL) 10 mg/M ³		4-10
(TWA) 5 mg/M ³		
15 mg/M ³	10 mg/M ³	
(Total dust)		

Section III: Physical/Chemical Characteristics

Boiling Point: N/D

Specific Gravity (H₂O = 1): N/A

Vapor Pressure (mmHg): N/D

Melting Point: N/A

Vapor Density (Air = 1): N/D

Evaporation Rate (Butyl Acetate = 1): N/D

Solubility in Water: Insoluble. Density approx. 14 lb./ft³

Appearance and Odor: Tan powder, mild woody odor.

Section IV: Fire and Explosion Hazard Data

Flash Point (Method Used): N/A

Flammable Limits: LEL: N/D

UEL: N/D

NFPA Hazard Ratings: Health: 1

Flam. instability: 1

Reactivity: 0

Extinguishing Media: Dry chemical, foam, water spray.

Special Fire Fighting Procedures: Respiratory equipment should be used to avoid breathing suspended dust.

Unusual Fire and Explosion Hazards: Prevent spread of contaminated runoff.

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Section V: Reactivity Data

Stability: Stable.

Conditions to avoid for stability: None.

Incompatibility: None.

Hazardous Decomposition or Byproducts: None.

Hazardous Polymerization: Will not occur.

Conditions to avoid for Hazardous Polymerization: None.

Section VI: Health Hazard Data

Routes of Exposure: Yes.

Inhalation: Yes.

Skin: Yes.

Ingestion: Yes.

Health Hazards (Acute and Chronic):

Causes mucous membrane irritation. Chronic exposure can cause damage to liver and/or kidneys.

Carcinogenicity: No.

NTP: No.

IARC Monographs: No.

OSHA Regulated: No.

Signs and Symptoms of Overexposure:

Can cause skin irritation. Ingestion or inhalation can cause nausea, vomiting and tremors.

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency and First Aid Procedures:

If in eyes, flush eyes with plenty of water for 15 minutes. If swallowed, call a physician or poison control center. Drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. If on skin, wash with plenty of soap and water. Get medical attention if irritation persists. If inhaled, remove person to fresh air. If not breathing, apply artificial respiration, preferably mouth to mouth. Get medical attention.

Section VII: Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:

Vacuum or sweep up spilled material, while wearing protective clothing, gloves and a respirator to avoid contact with dust.

Waste disposal method:

This pesticide is extremely toxic to fish. Fish kills are expected at recommended rates. Consult your State Fish and Game Agency before applying this product to public waters to determine if a permit is needed for such an application. Do not contaminate untreated water when disposing of equipment washwaters. Container disposal: completely empty bag into application equipment. Then dispose of empty bag 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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Precautions for handling and storage:

Do not contaminate water, food or feed by storage or disposal. Store in a dry place away from temperature extremes. Avoid inhalation of dust. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin. Wear clean protective clothing.

Other precautions:

Periodically inspect stored materials.

Section VIII: Control Measures

Respiratory protection:

Do not inhale dust. Use NIOSH certified dust mask.

Ventilation:

Local Exhaust: As required.

Special: N/A

Mechanical: As required.

Other: N/A

Protective Gloves: Cloth or rubber.

Eye Protection: Goggles or safety glasses.

Other protective clothing or equipment: Wear clothing designed to prevent eye and skin contact.

Work/Hygiene practices: Avoid breathing dust. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling and before eating and smoking.

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.