

Product: 655-736 Prentox® PBO-8®

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

Manufacturer's Name: Prentiss Incorporated
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Section 1: Chemical Identification

Product: 655-736 Prentox® PBO-8®
EPA Signal Word: CAUTION
Active Ingredients (%): Piperonyl Butoxide Technical (91.3%) (CAS# 51-03-6)
Chemical Class: Insecticide Synergist.

Section 2: Composition/Information on Ingredients

Material:	OSHA	ACGIH	NTP/IARC/OSHA	
	PEL	TLV	Other	Carcinogen
Piperonyl Butoxide Technical	Not Est.	Not Est.	Not Est.	No
Emulsifier (CAS# Supplier Confid.)	Not Est.	Not Est.	Not Est.	No

Section 3: Hazards Identification

Symptoms of Acute Exposure
Ingestion: May cause gastrointestinal effects, such as nausea, cramps, vomiting and diarrhea.
Eyes: May cause temporary eye irritation.
Skin: May cause skin irritation after repeated contact.
Inhalation: May cause nasal and respiratory irritation.
Medical Conditions Generally Aggravated by Exposure: None known.

Section 4: First Aid Measures

Ingestion: Drink 1 or 2 glasses of water. Contact a poison control center or physician immediately.
Inhalation: Remove affected person to fresh air.
Eye Contact: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.
Skin Contact: Remove contaminated clothing and wash affected areas with plenty of soap and water. Contact a physician if irritation persists.

Section 5: Fire Fighting Measures

Fire and Explosion
Flash Point (Method Used): >200° F. (closed cup)
Flammable Limits: LEL: N/D UEL: N/D
In case of fire: Use CO₂, foam or dry chemical. Do not inhale smoke or vapors. Use self-contained breathing apparatus and wear full protective clothing. Evacuate non-essential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated buildings, area and equipment until decontaminated. This product is toxic to fish, birds and other wildlife, prevent spread of contaminated runoff.

Unusual Fire and Explosion Hazards: Keep exposed containers cool.

Section 6: Accidental Release Measures

Wear chemical safety glasses with side shields or chemical goggles, chemical resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber or viton®, shoes and socks, long-sleeved shirt and long pants to prevent contact with the product or its vapors. Cover the spilled area with generous amounts of absorbent material, such as clay, diatomaceous earth, sand or sawdust. Sweep the contaminated absorbent onto a shovel and put the sweepings into a salvage drum. Wash the spill area with water containing a strong detergent, absorb the rinsate, sweep up and put into salvage drum. Dispose of wastes as below.

Waste disposal method: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. This product is toxic to fish, birds and other wildlife. Do not contaminate the environment through improper disposal.

Section 7: Handling and Storage

Do not use or store near heat or open flame. Exposure to temperatures above 130° F. may cause bursting of containers. Store in a well ventilated; secure area, out of reach of children, domestic animals. Do not contaminate water, food or feed by storage or disposal. Periodically inspect stored materials. Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

Section 8: Exposure Controls/Personal Protection

Ingestion: Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

Eye contact: Avoid eye contact. Wear safety glasses with side shields or chemical goggles.

Skin Contact: To avoid skin contact, wear chemical resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber or viton®, shoes and socks, long-sleeved shirt and long pants.

Inhalation: To avoid breathing vapors or mist, wear a NIOSH approved chemical cartridge respirator with organic vapor cartridges and a pesticide pre-filter, or a supplied air respirator.

Section 9: Physical and Chemical Properties

Appearance:	Water white to amber liquid.
Odor:	Pleasant licorice-like odor.
Melting Point:	Not applicable.
Boiling Point:	N/D
Specific Gravity (H₂O = 1):	1.0494
pH:	6.0
Solubility in Water:	Emulsifies.
Vapor Pressure:	N/D

Section 10: Stability and Reactivity

Reactivity:

Stability	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to avoid:	Strong oxidizers.

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Environmental Fate: Not available.

Section 13: Disposal Considerations

Disposal: Do not reuse product containers. Dispose of product containers, waste containers, and residues according to Federal, State and local health and environmental regulations.

Characteristic Waste: Not applicable.

Listed Waste: None.

Section 14: Transport Information

DOT Classification: Not DOT regulated.

B/L Freight Classification: INSECTICIDES; OTHER THAN POISON, NMFC ITEM 10120

International Transportation: Not available.

Section 15: Regulatory Information

SARA Title III Classification:

Section 311/312: Not applicable.

Section 313 Chemicals: Piperonyl Butoxide (CAS# 51-03-6) (91.3%)

This product contains a toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372. Any copies or redistribution of this MSDS must include this notice.

Proposition 65: Not applicable.

CERCLA Reportable Quantity (RQ): Not applicable.

RCRA Classification: Not applicable.

TSCA Status: Exempt from TSCA.

Section 16: Other Information

NFPA Hazard Ratings:

Health:	1	0	Least
Flammability:	1	1	Slight
Reactivity:	0	2	Moderate
		3	High
		4	Severe

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