

MATERIAL SAFETY DATA SHEET

Section I – Product Information			
Product Name or Identity:	PORIDON® Equine Insecticidal Pour-On		
Manufacturer's Name:	Neogen Corporation	Emergency Phone No.	859 254 1221
	944 Nandino Blvd.	Fax No.:	859 255 5532
	Lexington, KY 40511	e-mail:	inform@neogen.com
Date Prepared or Revised: 11/15/05			

Section II – Hazardous Ingredients / Identity Information				
Hazardous Components (Specific Chemical Identity: Common Names)		OSHA PEL (Permissible Exposure Limits)	ACGIH TLV (Threshold Limit Value)	Toxicity Data LD ₅₀
Piperonyl Butoxide, Technical CAS 51-03-06	10.0%	No data available	No data available	7500 mg/kg Oral-male rat
Permethrin, Technical CAS 52645-53-1	1.84%	No data available	No data available	3801 mg/kg Oral-rat
EPA Reg. No. 72726-1				
EPA Est. No. 21737-MN-01				

Section III – Physical Characteristics	
Boiling Point: 177°F	Specific Gravity (H ₂ O = 1): 0.824
Vapor Pressure (mm Hg.): 1 atm @ 82°C	Melting Point: N/A
Vapor Density (AIR = 1): N/A	Evaporation Rate (Butyl Acetate = 1): N/A
Solubility in Water: Soluble	
Appearance and Odor: Light Amber to Clear Slight Oily Odor	

Section IV – Fire and Explosion Hazard Data	
Flash Point (<i>Method Used</i>): 43°F Closed Cup	Flammable Limits: LEL (Lower Explosive Limit) - N/A UEL (Upper Explosive Limit) - N/A
Extinguishing Media: Carbon dioxide, dry chemical powder or foam.	
Special Fire Fighting Procedures: Use self-contained NIOSH approved breathing apparatus and protective clothing to prevent contact with skin and eyes.	
Unusual Fire and Explosion Hazards: None	

Section V – Reactivity Data			
Stability	Unstable		Conditions to Avoid: Contact with incompatible chemicals.
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>): Strong oxidizing agents			
Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide			
Hazardous Polymerization	May Occur		Conditions to Avoid: None known
	Will Not Occur	X	

Section VI – Health Hazard Data			
Route(s) of Entry:	Inhalation-Yes	Skin-Yes	Ingestion-Yes
Health Hazards (Acute and Chronic)	Exposure may cause nasal and respiratory irritation, may be harmful if swallowed. May cause vomiting and diarrhea, ingestion of large quantities may produce nervous system effects including dizziness, tremors or loss of consciousness. May cause irritation if it comes in contact with skin. Will irritate eyes if it comes in contact with eyes.		
Carcinogenicity:	NTP-No (National Toxicology Program)	IARC Monographs-No (International Agency for Research in Cancer)	OSHA Regulated-Yes
Signs and Symptoms of Exposure: See health hazards above			
Medical Conditions Generally Aggravated by Exposure: asthma or other respiratory condition			
Emergency / First Aid Procedures	Ingestion: Call a physician or poison control center immediately. Drink 1 or 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.		
	Inhalation: Remove to fresh air, apply artificial respiration if indicated. Obtain medical attention.		
	Eye Contact: Immediately flush eyes thoroughly with fresh water. Remove contact lenses, if any and seek medical attention.		
	Skin Contact: Remove contaminated clothing and wash the effected skin with soap and water. Seek medical attention if irritation develops or in cases of prolonged contact.		

Section VII – Precautions for Safe Handling and Use	
Accidental Release Measures: Wear suitable protective equipment to prevent inhalation, ingestion, skin or eye contact.	
Waste Disposal Method: This product is toxic to fish. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning equipment or disposal of wastes. Observe local, state and Federal regulations on proper disposal of this material.	
Handling and Storing: Read and follow all label directions.	
Other Precautions:	

Section VIII – Control Measures		
Respiratory Protection (Specify Type): Do not breathe vapor. Use in well ventilated area.		
Ventilation	Local Exhaust: Adequate	Special:
	Mechanical (General):	Other:
Protective Gloves: Rubber or plastic gloves	Eye Protection: Wear chemical safety glasses or goggles	
Other Protective Clothing or Equipment:		
Work / Hygienic Practices: Wash thoroughly after use.		

THIS PRODUCT IS TOXIC TO FISH. KEEP OUT OF LAKES, STREAMS AND PONDS. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES.

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Neogen Corporation shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.