## **Material Safety Data Sheet**

Date last revised: 24 June 2005

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	I. General Information		
Chemical Name and Synonyms	Trade Name & Synonyms		
Permethrin	Biomist 3+15 ULV		
Piperonyl Butoxide	EDA Devisionation Number		
Chemical Family Synergized Synthetic Pyrethroid	EPA Registration Number 8329-33		
Proper DOT Shipping Name	DOT Hazard Classification		
Agricultural Insecticide, N.O.I., Non-Hazard			
Manufacturer	Manufacturer's Phone Number		
Clarke Mosquito Control Products, Inc.	(630) 894-2000		
Manufacturer's Address	INFOTRAC (Transportation/Spil	I Emergency) 1-800-535-5053	
159 North Garden Avenue	Poison Control Center (Medical	Emergency) 1-800-214-7753	
Roselle, Illinois 60172			
	II. Ingredients		
Principal Hazardous Componen		Percent	
Permethrin (3-Phenoxyphenyl)methyl (+) c dichlorethenyl)-2,2-dimethyl-cyclopropaned		3.0%	
Piperonyl Butoxide, Technical – Equivalent (butylcarbityl) (6-propyliperonyl) ether and 2 compounds		15.0%	
Inert Ingredients* *Contains petroleum distillates		82.0%	
	III. Physical Data		
Boiling Point (°F): Not Established	Specific Gravity (H <sub>2</sub> O = 1)	: 0.877	
Vapor Pressure (mm Hg.): Not Establish		Vapor Density (Air = 1): Not Established	
Solubility in Water: Not Established		<b>pH:</b> Not Applicable	
Appearance: Liquid, light brown color		Odor: Odorless	
	ire & Explosion Hazard Data		
Flash Point (Test Method : > 250 °F (Tag			
Extinguishing Media: Foam, carbon diox			
	If-contained breathing apparatus. Cool fire ex	posed areas and equipment.	
	V. Health Hazard Data		
	Single dose oral toxicity is moderate. Amounts ingested incidental to industrial handling are not likely to cause injury.		
<b>Dermal LD<sub>50</sub>:&gt;2,000 mg/kg</b>	5 , , , ,		
Primary Route of Entry: Inhalation, Derm	I, Oral Effect of Acute Overexpo	sure: Blurred vision	
Exposure Limits: Not established by OSH			
EMERGENCY FIRST AID			
	ing and wash affected areas of skin with soap	and water	
Eye: Hold eye open and rinse slowly and	gently with water for 15-20-minutes. Remove a poison control center or doctor for treatment a	contact lenses, if present, after	
	h air. If not breathing, give artificial respiration		
initialition. Remove anected person to he	·		
Get medical attention.			
Get medical attention.	ol Center immediately. Do not induce vomiti	ing. Do not give anything by	

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	VI. R	eactivity Data	
Stability:	Do Not store near heat or flame		
Incompatibility	Not Available		
Hazardous Decomposition	None		
Products			
<u> </u>	II. Environment	tal Protection Procedures	
of residues and absorbent. Co regulations.		naterial such as sand, sawdust, Fuller's earth, etc. Clean spill area hould be disposed of according to local, state and federal	
children. Do not contaminate		container at room temperature, in a dry locked place out of reach of corage or disposal. Avoid exposure to extreme temperatures.	
approved waste disposal facilit reconditioning, or dispose of in State Water Board or Regional	y. Container Disposal: a landfill or by other app Office of the EPA.	used according to label instructions must be disposed of at or by an Triple rinse (or equivalent). Then offer for recycling or proved State and local procedures. For guidance, contact your	
Other Precautions: Do not co	•	aning of equipment or disposal or wastes.	
VIII. Special Protection Information			
Eye Protection: OSHA-approved safety glasses, goggles or face shield suggested when mixing or loading tank. Respiratory Protection: Not likely to be needed Other: IMPORTANT. Read and observe all precautions and		Skin Protection: Handlers should wear protective clothing and chemical resistant gloves when mixing or loading tank Ventilation: Not required.	
Other. INFORTANT. Read a		Regulatory Information	
SARA Title III Data Section 313: (Title III Superfu This product contains the followi Superfund Amendments and Re	Ind Amendment and Re	authorization Act) to the reporting requirements of section 313 of Title III of the	
<b>Ingredient</b> Permethrin Piperonyl butoxide	<b>CAS Number</b> 52645-53-1 51-03-6	Percentage (by weight) 3.0% 15.0%	
FIRE HEALTH 1 0	REACTIVTY	NFPA Code Key 4 = Severe 3 = Serious 2 = Moderate 1 = Slight 0 = Minimal	

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