MATERIAL SAFETY DATA SHEET

r	This MSDS complies with OSHA'S Hazard C				OSHA Form 1	74	
			ITOR'S INFORMATI				
NFPA Rating: Health-	1; Flammability-2; Reactivity-0; Special-		IIS Rating: Health-1;			ity-0; Persona	al Protection-B
			DOT Hazard Classification: ORM-D				
			Identity (trade name as used on label):				
Address: San Diego, CA 92193-3506			Waxie Bug Off II Dual Spray Residual Insecticide				
			MSDS Number: 442 Revision- First Issue				
EMERGENCY RESPONSE NUMBER: 1-800-255-3924			Date Prepared: 9/20/00 Prepared By: CH				
NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA Information Calls: 858-292-8111							
	SECTION 1 - MATER	IAL IDENTIF	ICATION AND INFO	RMATIO	N		
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES			CAS Number	SARA	OSHA PEL	ACGIH	Carcinogen
(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)				III LIST	(ppm)	TLV (ppm)	Ref. Source **
			64742-47-8	No	N/E	N/E	d
PYRETHRIN			8003-34-7	No	N/E	N/E	d
			51-03-6	Yes	N/E	N/E	d
ISOBUTANE / PROPANE BLEND			75-28-5	No	800	800	d
			74-98-6	No	1000	1000	d
PERMETHRIN			52645-53-1	Yes	N/E	N/E	d
				1			
				1			
	SECTION 2 - PHYS	SICAL/CHEM	ICAL CHARACTER	ISTICS	I	L	L
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS Boiling Point: N/A Specific Gravity (H2O=1); Concentrate Only = 0.97							
			apor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A				
			Evaporation Rate (= 1): N/E				
			Vater Reactive: No				
Appearance and Odor:	Fine mist with bland fragrance.						
	SECTION 3 - FIR	RE AND EXP	LOSION HAZARD	ATA			
FLAMMABILITY as p	er USA/CPSC FLAME PROJECTION		nition Temperature		ability Limits	s in Air by %	in Volume:
TEST (aerosols)	NOT-FLAMMABLE		N/E	% LEL	: N/E		.: N/E
FLASH POINT AND ME	THOD USED (non-aerosols): N/A	EXT	INGUISHER MEDIA:				
SPECIAL FIRE FIGHTI	NG PROCEDURES: Self-contained breathing a	pparatus.					
Jnusual Fire & Explos	ion Hazards: Do not expose aerosols to tempe	eratures above	130°F or the container	may ruptur	e.	· · · ·	
	SECTION 4	4 - REACTIV	TY HAZARD DATA				
STABILITY [X] STABLE HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR							
ncompatibility (Mat. to	avoid): Strong oxidizers.	Con	ditions to Avoid: Ope	n flame, we	elding arcs, he	at, sparks.	
lazardous Decomposi	tion Products: CO, CO2.						
	SECTION	15-HEALTH	HAZARD DATA				
PRIMARY ROUTES OF ENTRY: [X]INHALATION []INGESTION []SKIN ABSORPTION []EYE []NOT HAZARDOUS							
CUTE EFFECTS							
Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects, nausea.							
Eye Contact: Irritation. Skin Contact: Mild irritation.							
Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea, dizziness, loss of muscle coordination. CHRONIC EFFECTS: High concentration of vapors may cause eye and respiratory tract irritation, dizziness, headaches, drowsiness and central nervous system							
ffects.	high concentration of vapors may cause eye and	respiratory tra	ct irritation, dizziness, h	eadaches,	drowsiness ar	nd central nerv	ous system
	nerally Aggravated by Exposure: May aggrav	ato ovisting ou		ton (conditi			
	EMEDGEN		ID PROCEDURES	tory conditi	ions.		
ve Contact: Flush with	large amounts of water for at least 15 minutes.	ICT FIRST A	ID PROCEDURES				
kin Contact: Wash with	h soap and water. Remove grossly contaminated	d clothing and	k medical attention.	and the last at			
halation: Remove to fr	esh air. Resuscitate if necessary. Get medical	attention	launder beiore re-weam	ig. ii imtat	ea, seek meai	cal attention.	
agestion: DO NOT INC	DUCE VOMITING. ASPIRATION HAZARD! Ge	atternion.					
J	SECTION 6 - CONT			IIDES			
espiratory Protection	(specify type): If yapor concentration exceeded	TLV uso rossi	rator approved by MICC	URE3	for organize	~ 1	
Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH?MSHA for organic vapor. Protective Gloves: Chemical resistant gloves if skin easily irritated. Eve Protection: Safety glasses recommended.							
Protective Gloves: Chemical resistant gloves if skin easily irritated. Eye Protection: Safety glasses recommended. /entilation Requirements: Adequate ventilation to keep vapor concentration below TLV.							
Other Protective Clothing & Equipment: None							
Argienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.							
	SECTION 7 - PRECAU	TIONS FOR	SAFE HANDI ING			·····	
teps To Be Taken If Ma	aterial Is Spilled Or Released: Absorb spilled	liquid with suit	able medium Incinorat	a or landfill	according to !	ocal state and	adaral
gulations. DO NOT FLU	JSH TO SEWER.	inquita with SUIL	able medium. Incinerat		according to I	ocal, state of t	euerai
aste Disposal Method	s: Aerosol cans when vented to atmospheric pre	essure through	normal use nose no di	sposal har	ard		
recautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F							
ther Precautions &/or	Special Hazards: KEEP OUT OF REACH OF	CHILDREN A	void food contamination	. Avoid int	alation of sore	v mist Avoid	water
intamination.							
e believe the statement	s, technical information and recommendations c	contained horai	n ara raliable but they		·····		

the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only