





MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION					
PRODUCT NAME: PIC Bugables Mosquito Repellent Stickers		DATE: September 30, 2010			
PRODUCT NUMBER:		DATE: September 30, 2010			
TRADE NAME: PIC Bugables Mosquito Repellent Stickers. GENERAL USE: Perimeter Mosquito Repellent CHEMICAL FAMILY: Natural repellent oils in a non-toxic substrate. PRODUCT DESCRIPTION: Repellent on a absorbent adhesive backed substrate.					
MANUFACTURER: PIC CORPORATION		DATE PREPARED: September 30, 2010			
TELEPHONE NUMBER (General Inquiries) (908) 862-7977		SUPERSEDES: New issue.			
ADDRESS (NUMBER, STREET, P.O. BOX) 1101-1107 WEST ELIZABETH AVENUE		CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBERS			
(CITY, STATE AND ZIP CODE) LINDEN, NEW JERSEY 07036		COUNTRY USA			
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">1-800-255-3924 North America (Toll Free)</td> <td style="width: 50%; padding: 5px;">813-248-0585 International and Local Calls</td> </tr> </table>	1-800-255-3924 North America (Toll Free)	813-248-0585 International and Local Calls
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SECTION 2 - HAZARDS IDENTIFICATION					
EMERGENCY OVERVIEW					
Caution: Product is combustible, and will ignite if strongly heated. PIC Bugables Mosquito Repellent Stickers. exhibit a low order of human and animal toxicity and are considered non-hazardous in routine use. May cause eye, skin, and respiratory irritation in susceptible individuals.					
USA	WHMIS CANADA	EUROPEAN	(GHS) HAZARD SYMBOLS		
None		None	None.		
HMIS HAZARD RATINGS					
0 = INSIGNIFICANT, 1 = SLIGHT, 2 = MODERATE, 3 = HIGH, 4 = EXTREME		HEALTH:	1		
		FLAMMABILITY:	1		
		PHYSICAL HAZARD:	1		
REQUIRED PERSONAL PROTECTIVE EQUIPMENT:					
HMIS PERSONAL PROTECTIVE EQUIPMENT LETTER: B					
					
RISK PHRASES					
R22: Harmful if swallowed.					
R36/37/38: Irritating to eyes, respiratory system and skin.					
SAFETY PHRASES					
S2: Keep out of reach of children.					
S24/25: Avoid contact with skin and eyes.					
S62: If swallowed, do not induce vomiting; seek medical advice and show this container or label.					
POTENTIAL HEALTH EFFECTS					
INHALATION:					
May cause respiratory tract irritation.					
SKIN:					
No adverse effects anticipated. May produce irritation in susceptible individuals.					
EYES:					
May cause eye irritation.					
INGESTION:					
Ingestion may cause gastrointestinal upset with possible vomiting, cramps and diarrhea.					
CARCINOGENICITY:					
NTP? NO	IARC MONOGRAPHS? NO	OSHA REGULATED? NO			
CALIFORNIA, Prop.65? NO		ESIS NOTATION? NO			

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SECTION 3 - INFORMATION ON INGREDIENTS/COMPONENTS

Ingredient / Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Natural repellent oils blend	7	NA	NA	None	None
Geraniol oil	15	106-24-1	203-377-1	None	R36/37/38
TPE	78	NA	NA	None	None

NOTES: This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directives. Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European (GHS) directives and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directives.

SECTION 4 - FIRST AID MEASURES

INHALATION:
 If product is inhaled (which is unlikely due to the solid physical form of the product), remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

EYES:
 Remove contact lenses. Rinse with clear, potable running water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN:
 Wash with soap and water.

INGESTION:
 Rinse mouth with water. Give water to drink. Do not induce vomiting except on the advice of a medical professional. Never administer fluids to an unconscious person! Get Medical Attention Immediately. Show the product label to first responders where possible.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:
 Product is combustible, Flash Point = NE

EXTINGUISHING MEDIA:
 Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

FIRE FIGHTING PROCEDURES:
 Fire fighters should routinely wear full turnout gear and supplied air SCBA equipment when fighting fires involving this and other chemical products.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
 None.

HAZARDOUS COMBUSTION PRODUCTS:
 Carbon Monoxide, Carbon Dioxide, smoke, organic vapors.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
 Due to the physical form of this product, no special accidental release measures are normally required. Do not allow product to reach sewage systems or any water course. Do not dispose randomly, dispose with regular trash preferably for incineration at a licensed and permitted facility.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
 Do not breathe vapor that may be evolved during processing. Workers must wear proper personal protective equipment. Keep ignition sources away-Do not smoke while handling this product. Store in a well-ventilated, cool and dry area away from incompatible substances.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient / Component	CAS #	ACGIH Exposure Limits (mg/kg unless otherwise noted)	OSHA Exposure Limits (mg/kg unless otherwise noted)

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Natural repellent oils blend	NR	NE	NE
Geraniol oil	106-24-1	NE	NE
TPE	NR	NE	NE

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION (Continued)

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Not required in normal use. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

PROTECTIVE GLOVES:

For prolonged or repeated contact use protective oil resistant gloves. Avoid prolonged or repeated skin contact.

EYE PROTECTION:

Safety glasses with side-shields conforming to EN166

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Not required.

WORK / HYGIENIC PRACTICES:

Wash hands with soap and water after handling and before eating ,drinking, smoking, or use of restroom facilities.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Solid (Repellent on a absorbent adhesive backed substrate).with a characteristic odor	VAPOR PRESSURE NA
pH NR	SPECIFIC GRAVITY (WATER = 1) NR
MELTING POINT NR	SOLUBILITY IN WATER Insoluble.
FLASH POINT NE	VISCOSITY NR
FLAMMABLE LIMITS LEL: NE UEL: NE	VAPOR DENSITY (AIR = 1) NA
AUTOIGNITION TEMPERATURE NA	EVAPORATION RATE (WATER = 1) NR
VOLATILE ORGANIC COMPOUND (VOC) INFORMATION NA	

SECTION 10 - STABILITY AND REACTIVITY

STABILITY Stable under normal conditions of use.	CONDITIONS TO AVOID: Excessive heat, oxidizers.
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers. Strong bases.	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon Monoxide, Carbon Dioxide, smoke organic vapors.	
HAZARDOUS POLYMERIZATION: Will Not Occur.	CONDITIONS TO AVOID: None related to polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS #	LD50 of Ingredient (Oral, Rat - unless otherwise specified)	LC50 of Ingredient (Inhalation, Rat - unless otherwise specified)
Natural repellent oils Blend	NR	>4000mg/kg estimated.	NE
Geraniol oil		Oral, rat: LD50 = 3600 mg/kg	NE
TPE	NR	NE	NE

SECTION 12 - ECOLOGICAL INFORMATION

All evidence indicates that large polymer molecules on which this product is based are not biologically active. Oils present in this product may reduce available oxygen in natural waters; avoid discharge of product into natural waterways.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

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This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. <u>Contaminated packaging:</u> Dispose of as unused product.			

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SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not regulated for transport.

<p>DOT HAZARD CLASS / Pack Group: Not regulated for transport. (NOT DOT HAZARDOUS)</p> <p>REFERENCE: 49CFR170-177</p> <p>UN / NA IDENTIFICATION NUMBER: NA</p> <p>LABEL: NA</p> <p>HAZARD SYMBOLS: None applicable.</p>	<p>IATA HAZARD CLASS / Pack Group: Not regulated.</p> <p>IMDG HAZARD CLASS: Not regulated.</p> <p>RID/ADR Dangerous Goods Code: NA</p> <p>UN TDG Class / Pack Group: NA</p> <p>Hazard Identification Number (HIN): NA</p>
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Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act): **Ingredients are listed.**

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):

Acute Health: NO	Chronic Health: NO
Fire: YES	Sudden Release of Pressure: NO
Reactive: NO	

SARA 313 REPORTABLE INGREDIENTS: None reportable.

CERCLA (USA - Comprehensive Response Compensation and Liability Act): **NO RQ's are listed.**

State Right To Know: **None listed.**

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: **None listed.**

CPR (Canadian Controlled Products Regulations): **This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR. WHMIS Hazard Class: B4 -Flammable solid, D2B**

IDL (Canadian Ingredient Disclosure List): **None listed.**

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): **Listed on DSL.**

EINECS (European Inventory of Existing Commercial Chemical Substances): **Referenced .**

WGK Water Quality Index: 1



SECTION 16 - OTHER INFORMATION

Legend:

ACGIH	American Congress of Government Industrial Hygienists
CAS	Chemical Abstracts Service
EINECS	European Inventory of Existing Commercial Chemical Substances
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
NA	Not Available
ND	Not Determined
NE	Not Established
NR	Not Reported
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration

REVISION SUMMARY: New - US, WHMIS, EU and GHS standards , issued 9/30/2010. --JTV--

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.