

**Section 1 - Identification of The Material and Supplier**

Ensystex Philippines Inc.  
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**Chemical nature:** Pyriproxyfen is a synthetic pyridine-based compound.  
Geraniol is a monoterpenoid.

**Trade Name:** **VECTOTHOR™ Inzecto Mosquito Chip G**

**Product Use:** Kills mosquito larvae in the VECTOTHOR™ Inzecto Mosquito Trap and other water containers.

**Creation Date:** **September 2023**

**This version issued:** **September 2023** and is valid for 5 years from this date.

**Section 2 - Hazards Identification****Statement of Hazardous Nature**

This product is classified as: Not classified as hazardous according to the criteria of SWA.

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**SUSMP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**IATA:** Non-Hazardous for Air Transport.

**UN Number:** None allocated

**GHS Classification:** Not hazardous

**GHS Signal word: NONE. Not hazardous.**

**HAZARD STATEMENT:** None

**PREVENTION**

**RESPONSE**

**STORAGE**

**DISPOSAL**

P501: Dispose of by wrapping with paper and putting in garbage.

**Emergency Overview**

**Physical Description & colour:** Sand to white colour ceramic chip.

**Odour:** characteristic odour.

**Major Health Hazards:** Not hazardous.

**Potential Health Effects****Inhalation:**

**Short term exposure:** Available data indicates that this product is not harmful.

**Long Term exposure:** No data for health effects associated with long term inhalation.

**Skin Contact:**

**Short term exposure:** Available data indicates that this product is not harmful.

**Long Term exposure:** No data for health effects associated with long term skin exposure.

**Eye Contact:**

**Short term exposure:** Available data indicates that this product is not harmful.

**Long Term exposure:** No data for health effects associated with long term eye exposure.

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**Ingestion:**

**Short term exposure:** Available data indicates that this product is not harmful.

**Long Term exposure:** No data for health effects associated with long term ingestion.

**Carcinogen Status:**

**SWA:** No significant ingredient is classified as carcinogenic by SWA.

**NTP:** No significant ingredient is classified as carcinogenic by NTP.

**IARC:** No significant ingredient is classified as carcinogenic by IARC.

**Section 3 - Composition/Information on Ingredients**

Ingredients	CAS No	Conc, %	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
Butylated hydroxytoluene	128-37-0	0.0135	not set	not set
Pyriproxyfen	95737-68-1	0.027	not set	not set
Geraniol	106-24-1	0.000079	not set	not set
Other non-hazardous ingredients	Various	to 100	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

**Section 4 - First Aid Measures****General Information:**

You should call National Poison Control and information Service, c/- Philippines General Hospital - Emergency Nos: 02-8524-1078 / 02-8521-8450 loc 2311 if you feel that you may have been poisoned, burned or irritated by this product. Have this SDS with you when you call.

**Inhalation:** First aid is not generally required. If in doubt, contact a National Poison Control and information Service or a doctor.

**Skin Contact:** First aid is not generally required. Irritation is unlikely. Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until product is removed.

**Eye Contact:** Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist.

**Ingestion:** Do not under any circumstances induce vomiting. Obtain a medical examination immediately.

**Note to Physician:** In case of any adverse effect detected due to product use, treat symptomatically and provide necessary supportive care.

**Section 5 - Fire Fighting Measures**

**Fire and Explosion Hazards:** The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Burning produces heavy smoke.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

**Extinguishing Media:** In case of fire, use carbon dioxide, dry chemical, water spray or alcohol resistant foam.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade. Use suitable breathing apparatus.

**Flash point:** Not applicable.

**Upper Flammability Limit:** Not applicable.

**Lower Flammability Limit:** Not applicable.

**Autoignition temperature:** Not applicable.

**Flammability Class:** Not applicable.

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## Section 6 - Accidental Release Measures

**Accidental release:** The accidental release from one of these is not a cause of concern. For minor spills, clean up, rinsing to sewer and put empty containers in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses.

## Section 7 - Handling and Storage

**Handling:** No special instructions required. Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

**Storage:** Keep out of reach of children. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10.

## Section 8 - Exposure Controls and Personal Protection

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

**Ventilation:** No special ventilation requirement is necessary for this product.

**Eye Protection:** None required.

**Skin Protection:** This product is not harmful and normally no special skin protection is necessary.

**Respirator:** Not required.

## Section 9 - Physical and Chemical Properties

<b>Physical Description &amp; colour:</b>	Sand to white colour ceramic chip.		
<b>Odour:</b>	Characteristic odour.		
<b>Boiling Point:</b>	Not applicable	<b>Freezing/Melting Point:</b>	Not applicable
<b>Volatiles:</b>	Not applicable	<b>Vapour Pressure:</b>	Not applicable
<b>Vapour Density:</b>	Not applicable	<b>Density:</b>	Not applicable
<b>Water Solubility:</b>	Insoluble	<b>pH:</b>	Not applicable
<b>Volatility:</b>	Not applicable	<b>Odour Threshold:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable	<b>Partition coefficient:</b>	Not applicable
<b>Lower and upper explosion limit:</b>	Not applicable	<b>Flammability:</b>	Not applicable
<b>Flash Point:</b>	Not applicable	<b>Decomposition temperature:</b>	Not applicable
<b>Persistent foam:</b>	Not applicable	<b>Pourability:</b>	Not applicable
<b>Suspensibility:</b>	Not applicable	<b>Wet Sieve test:</b>	Not applicable
<b>Spontaneity of dispersion:</b>	Not applicable	<b>Particle characteristics:</b>	Not applicable
<b>Corrosiveness:</b>	Not corrosive	<b>Shelf Life:</b>	Stable for 3 years
<b>Pyriproxyfen content:</b>	0.027 %	<b>Geraniol content:</b>	0.000079 %
<b>Autoignition temp:</b>	Not applicable - does not burn.		

## Section 10 - Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf-life properties.

**Conditions to Avoid:** None.

**Incompatibilities:** Strong acids.

**Fire Decomposition:** Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

**Polymerisation:** This product will not undergo polymerisation reactions.

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**Section 11 - Toxicological Information**

**Toxicity:** Product is considered low toxic.

**Classification of Hazardous Ingredients**

Ingredient	Risk Phrases
Pyriproxyfen	N; R50-53
There is no data to hand indicating any particular target organs.	

**Section 12 - Ecological Information**

This product is not expected to have adverse effects on aquatic or plant life.

**Section 13 - Disposal Considerations**

**Disposal:** Disposal by wrapping with paper and putting in garbage. For large quantities, if recycling or reclaiming is not possible, use commercial waste disposal service. Do not reuse or refill the container. Do not contaminate water, food or feed during storage or disposal.

**Section 14 - Transport Information**

This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

IATA: Non-Hazardous for Air Transport.

**Section 15 - Regulatory Information**

All ingredients are listed in Philippines inventory of chemicals and chemical substances (Implementing title II of RA 6969).

**Section 16 - Other Information**

**This SDS contains only safety-related information. For other data see product literature.**

If there is any conflict between this SDS and the registered label, instructions on the label prevail.

**Acronyms:**

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 <sup>th</sup> edition)
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>SWA</b>	Safe Work Australia, formerly ASCC and NOHSC
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters
<b>IARC</b>	International Agency for Research on Cancer
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>R-Phrase</b>	Risk Phrase
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UN Number</b>	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

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