

Section 1 - Identification of The Material and Supplier

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Substance: UV-A LED lamp with full shatterproof executed design (glass is not used).

Trade Name: **ASTRON™ UV-A LED Lamp**

Product Use: UV-A lamp for use in VECTOTHOR Electronic Fly Killers.

Creation Date: **October 2023**

This version issued: **October 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: Not applicable.

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

UN Number: None allocated

GHS Signal word: NONE. Not hazardous.

HAZARD STATEMENT:**PREVENTION**

P102: Keep out of reach of children.

RESPONSE**STORAGE**

P402: Store in a dry place.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Emergency Overview

Physical Description & colour: Solid, plastic tube.

Odour: None.

Major Health Hazards: None.

Potential Health Effects**Inhalation:**

Short term exposure: It is not possible to inhale.

Long Term exposure: It is not possible to inhale.

Skin Contact:

Short term exposure: This product is non-toxic. It should present no hazards in normal use.

Long Term exposure: This product is non-toxic.

Eye Contact:

Short term exposure: This product is non-toxic. It should present no hazards in normal use.

Long Term exposure: This product is non-toxic.

Ingestion:

Short term exposure: Oral exposure is considered to be unlikely.

Long Term exposure: Unlikely to be ingested.

SAFETY DATA SHEET

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**

There is no hazardous material contained within an LED lamp.

The Safety Data Sheet (SDS) requirements of the Occupational Safety and Health Administration (OSHA) for chemicals are not applicable to manufactured articles such as lamps. No material contained in a lamp is released during normal use and operation.

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

You should call The Poisons Information Centre if you feel that you may have been affected by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: Not applicable.**Skin Contact:** Not applicable.**Eye Contact:** Not applicable.**Ingestion:** Not applicable.**Section 5 - Fire Fighting Measures**

Fire and Explosion Hazards: There is little risk of an explosion from this product under normal circumstances if it is involved in a fire. Take appropriate protective measures.

Extinguishing Media: Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: Not applicable.**Upper Flammability Limit:** No data.**Autoignition temperature:** Not applicable – Does not burn.**Lower Flammability Limit:** No data.**Flammability Class:** No data.**Section 6 - Accidental Release Measures**

Not applicable.

Section 7 - Handling and Storage

Handling: Do not handle this lamp with acid or sulphur materials.

Storage: Store products in a dry box with a desiccant.

Section 8 - Exposure Controls and Personal Protection

No special equipment is need when handling lamps. However, this lamp emits high intensity ultraviolet light which can affect your eyes when operational. Do not look directly into the UV light at distances closer than 20 cm.

Section 9 - Physical and Chemical Properties**Physical Description & colour:** Solid, plastic tube.**Odour:** None.**Freezing/Melting Point:** N/A.**Specific Gravity:** No data.**pH:** N/A.**Odour Threshold:** N/A.**Boiling Point:** N/A.**Volatiles:** None under normal use.**Water Solubility:** N/A.**Volatility:** N/A.**Autoignition temp:** N/A.**SAFETY DATA SHEET**

Section 10 - Stability and Reactivity

Reactivity:	This product will not react or decompose under normal storage conditions.
Conditions to Avoid:	Prolonged exposure to moisture can adversely affect the proper functioning of the lamp.
Incompatibilities:	Acid, materials containing sulphur.
Fire Decomposition:	No specific data.
Polymerisation:	This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

There is no harmful substance in the ASTRON UV LED lamp.

Section 12 - Ecological Information

Not available.

Section 13 - Disposal Considerations

Disposal: Dispose of small quantities of used lamps by wrapping with paper, placing in a plastic bag and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

There are no substances contained within an LED lamp that would cause the lamp to be classified as hazardous waste.

Section 14 - Transport Information

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

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

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:

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

Please read all labels carefully before using product.

TMVECTOTHOR is a trademark of Ensystex, Inc.

SAFETY DATA SHEET

Issued by: Ensystex Australasia Pty Ltd

Phone: 13 35 36 (ALL HOURS)

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)