

# SAFETY DATA SHEET

According to Occupational Health and Safety (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Malaysia Regulation 2013

## MOSQUITO HOME AQ (AMHS-AQ)

Issued Date: 23-May-2017    Revision Date: 1-Jan-2022    Revision: 3

### SECTION 1: Identification of the hazardous chemical and of the supplier

Product name : Mosquito Home AQ  
Product Code : AMHS-AQ  
Recommended use : Egg laying female *Aedes spp* attractant, mosquito aquatic stage control, to be used in Aedestech Mosquito Home System only.

#### Manufacturer or supplier's details

Company : One Team Networks Sdn Bhd  
Address : No. 1-1B, Block 6, Jalan Pahat 15/H, Section 15, 40200 Shah Alam, Selangor, Malaysia.  
Emergency Tel : +6019-219 8642 / +603-5525 2299  
Tel / Fax : +603-5122 9677 / +603-5122 9477

### SECTION 2 : Hazards identification

Classification of the hazardous chemical : none

#### Label elements

Hazard pictograms :



Signal word : Warning  
Hazard statements : H401 Toxic to aquatic life.  
Precautionary statements : **Prevention :**  
P273 Avoid release to the environment.  
**Storage :** There is no prevention storage statement that corresponds to the GHS classification.  
**Disposal :**  
P501 Dispose of contents / container appropriately in accordance with local / regional / national / international regulations.

#### Other hazards which do not result in classification

No information available.

**SECTION 3: Composition and information of the ingredients of the hazardous chemical****NON HAZARDOUS INGREDIENTS**

| <u>Ingredient Name</u>      | <u>CAS Number</u> | <u>% w/w:</u> |
|-----------------------------|-------------------|---------------|
| De-chlorinated Aqua         | 7732-18-5         | 99.992%       |
| Polyhexamethylene Biguanide | 32289-58-0        | 0.004%        |
| Pyriproxyfen                | 95737-68-1        | 0.004%        |

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**SECTION 4: First aid measures**

|  |   |
|--|---|
| <b>If inhaled</b>  | : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.           |
| <b>In case of skin contact</b>                                     | : Wash off with soap and plenty of water. Consult a physician if any skin irritation found.                                 |
| <b>In case of eye contact</b>                                      | : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.                                    |
| <b>If swallowed</b>  | : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.                       |
| <b>General advice</b>  | : Consult a physician. Show this safety data sheet to the doctor in attendance.   |
| <b>Most important symptoms and effects, both acute and delayed</b> | : To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. |

**Indication of any immediate medical attention and special treatment needed**

Advice doctor to treat symptomatically

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**SECTION 5: Firefighting measures****Extinguishing media**

Suitable extinguishing media : Use appropriate fire extinguisher for surrounding environment

Special hazards arising from the substance or mixture : Carbon oxides, nitrogen oxides (NOx)

**Special protective equipment and precautions for fire-fighters**

Special protective equipment for firefighters : Wear self-contained breathing apparatus for fire fighting if necessary.

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**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

: Use personal protective equipment. Clean up of spills requires no special equipment or procedures. Mop up material and place into the same container.

**Environmental precautions** : Prevent further leakage or spillage. Do not let product enter drains. Discharge into the environment must be avoided. If spillages enter the

waterways contact the Environmental Protection Authority or your local Waste Management Agency.

**Methods and materials for containment and cleaning up** : Clean up and keep in suitable, closed containers for disposal.

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## SECTION 7: Handling and storage

### Handling

#### Advice on protection against fire and explosion

: Normal measures for preventive fire protection.  
Do not spray on a naked flame or any incandescent material.  
Keep away from open flames, hot surfaces and sources of ignition.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Use only explosion-proof equipment.

#### Advice on safe handling

: Take precautionary measures against static discharges.  
Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Dispose of rinse water in accordance with local and national regulations.

### Storage

**Conditions for safe storage** : Prevent unauthorized access.  
Keep container tightly closed in a dry and well-ventilated place.  
Observe label precautions.  
Store in cool place.

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## SECTION 8: Exposure controls and personal protection

**Control parameters** : **Components with workplace control parameters**

### Individual protection measures, such as personal protective equipment

**Eye/face protection** : Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Tightly fitting safety goggles.  
Eyes wash with pure water.

**Skin protection** : Impervious clothing.  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Hand protection Remarks** : Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices.

**Hygiene measures** : Wash hands before breaks and at the end of workday.

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## SECTION 9: Physical and chemical properties

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Appearance                            | : Liquid, transparent looks       |
| Colour                                | : Almost Colourless               |
| Odour                                 | : Almost odourless                |
| Odour Threshold                       | : No data available               |
| Specific gravity                      | : 1.000 ~ 1.002 g/ml @ 20°C       |
| pH                                    | : 6.90~7.05 @ 20 °C               |
| Melting point/freezing point          | : 0°C / -4°C                      |
| Initial boiling point and Flash point | : > 100.30°C                      |
| Evaporation rate                      | : 0.10~0.11 g / 60 minutes @ 20°C |
| Flammability (solid, gas)             | : No data available               |
| Upper/lower flammability Limits       | : No data available               |
| Vapour pressure (mmHg)                | : 17.00~17.30 @ 20 °C             |
| Relative vapour density               | : No data available               |
| Relative density                      | : No data available               |
| Density                               | : No data available               |
| Solubility(ies)                       |                                   |
| Water solubility                      | : miscible 99.99%                 |
| Solubility in other solvents          | : No data available               |
| Auto-ignition temperature             | : No data available               |
| Decomposition temperature             | : No data available               |
| Viscosity, dynamic                    | : No data available               |
| Viscosity, kinematic                  | : No data available               |

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## SECTION 10: Stability and reactivity

|                                    |   |
|------------------------------------|---|
| Reactivity                         | : No data available   |
| Chemical stability                 | : Stable in room ambient condition without direct sunlight    |
| Possibility of hazardous Reactions | : No dangerous reaction known under conditions of normal use. |
| Conditions to avoid                | : Direct sunlight   |
| Incompatible materials             | : Strong oxidizing agents                                     |
| Hazardous decomposition Products   | : No data available   |

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## SECTION 11: Toxicological information

### Acute toxicity

LD<sub>50</sub> Oral - rat - > 625,000 mg/kg

LD<sub>50</sub> Dermal - rat - > 250,000 mg/kg

Acute inhalation toxicity : Remarks: No data available



\*Estimated toxicity via calculation based on "The WHO Recommended Classification of pesticides By Hazard and Guidelines to Classification 2000-2002".

**Skin corrosion / irritation**

Skin - rabbit - No skin irritation

**Serious eye damage / eye irritation**

Eyes - rabbit - Mild eye irritation

**Respiratory or skin sensitization**

Unlikely to cause skin sensitization

**Carcinogenicity**

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Germ cell mutagenicity**

No data available

**Reproductive toxicity**

No data available

**Aspiration toxicity**

No data available

**Potential health effects**

**Inhalation**

May be harmful if inhaled for prolonged period with high concentration.

**Ingestion**

May be harmful if swallowed in large quantity.

**Skin**

May be harmful if absorbed through skin. May cause skin irritation.

**Eyes**

Causes eye irritation for prolonged exposure.

**Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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**SECTION 12: Ecological information**

**Ecotoxicity**

|                           |  |                         |
|---------------------------|--|-------------------------|
| Acute toxicity to fish    | : 96h-LC <sub>50</sub> ( <i>Cyprinus carpio</i> ): | estimated 104,000 mg/l  |
| Acute toxicity to daphnia | : 3h-LC <sub>50</sub> ( <i>Daphnia magna</i> ):    | estimated >250,000 mg/l |
| Chronic toxicity          | : Remarks: No data available                       |                         |

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

Slightly toxic to aquatic life (crustacean).

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**SECTION 13: Disposal information****Disposal methods**

**Waste from residues** : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

**Contaminated packaging** : Empty remaining contents.  
Dispose of as unused product.

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**SECTION 14: Transport information**

Not classified as dangerous goods.

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**SECTION 15: Regulatory information****Safety, health, and environmental regulations specific for the hazardous chemical**

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

The formulation is registered with :

Singapore National Environment Agency :

**MOSQUITO AQUA**

**SINNEAI-InsGR/133/0750 (29<sup>th</sup> August 2013)**

Pesticides Control Division, Department of Agriculture, Malaysia :

**MOSQUITO HOME AQ**

**LRMP.R1/9538 (1<sup>st</sup> April 2016)**

Taiwan Environmental Protection Administration :

**MOSQUITO AQUA**

**EPA 0834 (19<sup>th</sup> December 2017)**

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## SECTION 16: Other information

SDS preparation date : 23.05.2017  
Revision Date : 1.1.2022

### Disclaimer :

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### Product Stewardship Advisory:

**One Team Networks Sdn. Bhd.** wishes to create awareness of all the hazards associated with the storage, handling and use of our products. Carefully studying the accompanying Safety Data Sheets and disseminating the information to all dependent and interested parties is an essential part of any Responsible Care programme.

**MY / EN**