

MATERIAL SAFETY DATA SHEET (MSDS) / (SDS)

AQUATAIN AMF

Material Safety Data Sheet

Aquatic Technologies

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AQUATIC
TECHNOLOGIES

1. IDENTIFICATION

GHS PRODUCT IDENTIFIER: AQUATAIN AMF
OTHER MEANS OF IDENTIFICATION: None.
RECOMMENDED USE OF CHEMICAL AND RESTRICTION ON USE: Mosquito eradication.
SUPPLIER'S DETAILS: AQUATIC TECHNOLOGIES, PO BOX 295 Seaford Vic, 3198, AUSTRALIA.
CONTACT DETAILS: **Phone:** 0409 808 707 **WEB:** www.aquatictechnologies.com.au

2 HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: Non-hazardous.
GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS: PICTOGRAM: None required.
SIGNAL WORD: None.
HAZARD STATEMENTS: None.
PRECAUTIONARY STATEMENTS:-
GENERAL: P102: Keep out of the reach of children.
PREVENTION: None.
RESPONSE: P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do not induce vomiting.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
STORAGE: None
DISPOSAL: P501: Dispose of contents/container in accordance with local/state and federal regulations.
OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION: This product is a C2 combustible liquid as defined by AS 1940 and should be treated as such.

3 COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCES: Ingredients determined not to be hazardous to 100%.
MIXTURES: Not applicable.

4 FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES:-

INHALATION: Inhalation is highly unlikely as product is not volatile. If it does occur, remove victim to fresh air.
SKIN: Wash skin with water. Remove contaminated clothing (including footwear). In case of persistent irritation, seek medical attention.
EYES: Flush eyes with clean water, holding the eye lids apart. Remove contact lenses, if present. Keep washing for at least 15 minutes.
INGESTION: Wash out mouth with water. Remove dentures if present.
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:-
EYE CONTACT: May be irritating to eyes. Symptoms may include pain, watering, temporary vision reduction and redness.
INHALATION: Highly unlikely, as product is non-volatile liquid.

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4 FIRST AID MEASURES (Continued...)

SKIN CONTACT: Not expected to be a problem.

INGESTION: May cause diarrhoea if ingested in large quantities.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

NOTE TO PHYSICIAN: Treat symptomatically.

5 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Dry chemical, carbon dioxide or alcohol resistant foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Decomposition products include oxides of carbon and silicon compounds.

SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA). Move containers from fire area if safe to do so. Be aware that hot drums may burst, releasing hot combustible liquid.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES: Remove or shut off all sources of ignition, if safe to do so. Product on the floor or stairs will be slippery. Wear appropriate personal protective equipment.

ENVIRONMENTAL PRECAUTIONS: Avoid allowing run off to contaminate drains and waterways. If this appears to be likely, advise local EPA.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:-

SMALL SPILL: Stop leak, if safe to do so. Absorb spill with an inert material (e.g. vermiculite, soil) and place in suitable, labelled containers. Dispose of responsibly.

LARGE SPILL: Prevent entry of spillage onto lower floors or into basements, confined spaces, drains or watercourses. Pump to into an effluent treatment plant, if available. Alternatively, proceed as above for small spills and absorb into an inert solid. The EPA or emergency services may need to be alerted. In case of injury, Work Safe needs to be advised.

7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Keep well away from ignition sources. Keep containers tightly closed when not in use. Do not reuse empty containers. Wear suitable personal protective equipment. Use only in bunded areas.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store and handle in a cool well ventilated, bunded area. Keep well away from ignition sources in a suitable flammables store. Retain in tightly sealed original packaging.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS: No Safe Work Australia exposure standard.

APPROPRIATE ENGINEERING CONTROLS: If used in a confined space, flame-proof forced ventilation is recommended as a precaution.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION *(Continued...)*

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE):

Eye and face and protection should be chosen to comply with relevant Australian Standards if an assessment indicates that there is a risk of liquid splashes. Suppliers of safety equipment are able to advise on the suitability of the various alternatives.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear, almost colourless liquid @ 25°C
SPECIFIC GRAVITY:	Approx. 0.95
INITIAL BOILING POINT:	Not available.
FLASH POINT:	>150°C.
SOLUBILITY IN WATER:	Not miscible.

10 STABILITY AND REACTIVITY

REACTIVITY:	Generally of low reactivity. May react with strong oxidizing agents.
CHEMICAL STABILITY:	Generally stable except as noted above.
POSSIBILITY OF HAZARDOUS REACTIONS:	Unlikely.
CONDITIONS TO AVOID:	Heating above ambient temperature. All ignition sources.
INCOMPATIBLE MATERIALS:	Oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and compounds of silicon.

11 TOXICOLOGICAL INFORMATION

INFORMATION ON THE LIKELY ROUTES OF EXPOSURE:-

INHALATION: Vapours produced by heating or misting may be irritating to the respiratory system.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

INHALATION: No specific human data.

INGESTION: No specific human data.

SKIN CONTACT: No specific human data.

EYE CONTACT: No specific human data.

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM

EXPOSURE: No quantitative data.

NUMERICAL MEASURES OF TOXICITY (SUCH AS ACUTE TOXICITY ESTIMATES): No quantitative data.

12 ECOLOGICAL INFORMATION

TOXICITY: No data found.

PERSISTENCE AND DEGRADABILITY: No reliable data.

MOBILITY IN SOIL: No reliable data.

OTHER ADVERSE EFFECTS: No data found.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Little material would be expected to go to waste. Any waste should be disposed of in accordance with local, state and federal regulations.

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14 TRANSPORT INFORMATION

UN NUMBER: None.
PROPER SHIPPING NAME: None.
DANGEROUS GOODS CLASS: None.
SUBSIDIARY RISK: None allocated.
PACKING GROUP: None.
HAZCHEM CODE: None.

Not classified as a Dangerous Good according to the Australian Code for the transport of Dangerous Goods by Road and Rail 7th edition.

15 REGULATORY INFORMATION

All components are listed on the AICS.

SUSMP: Not scheduled.

16 OTHER INFORMATION

ABBREVIATIONS:-

AICS: Australian Inventory of Chemical Substances.
CAS: Chemical Abstract Service
Cat: Category
GHS: Globally Harmonized System
LC50: The concentration which kills 50% of the test organisms.
LD50: The dose which kills 50% of the test organisms.
mg/L: milligrams/litre
ppm: Parts per million.
SUSMP: Standard for the Schedule of Medicines and Poisons ("Poisons Regulations").
TWA: Time weighted average.
REFERENCES: Nil.

DISCLAIMER:

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 should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this Company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is available on request.