



LUXEMBOURG

SAFETY DATA SHEET

Issue date:09/06/2026

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers:

Trade name: **AQUATAIN AMF**

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant identified uses: Mosquito control on water bodies

1.3 Details of the supplier of the safety data sheet:

Manufacturer/Supplier: Luxembourg Industries Ltd.
27 Hamered St., Tel Aviv, 6812509
ISRAEL Tel: +972 3 796 4300

1.4 Emergency telephone number

Emergency phone number: Call local emergency information.
+972 (3) 796 4300

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Global Harmonized System of Classification and Labelling of Chemicals (GHS)

Hazard classification: Not classified as hazardous material by GHS

2.2 Label elements

Labelling according to Global Harmonized System of Classification and Labelling of Chemicals (GHS)

Hazard pictograms: None

Signal word: None

Hazard statement(s): No hazard statements

Precautionary statement(s): No precautionary statements

2.3 Other hazards

None known.

3. Composition/information on ingredients

3.1 Substances

Not applicable

AQUATAIN AMF SDS-GHS
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LUXEMBOURG INDUSTRIES LTD

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3.2 Mixtures:

Reportable ingredients	Product identifier (CAS #)	Content (% w/w)	CLP Classification
Silicone Polydimethylsiloxane (PDMS)	63148-62-9	87.5	Not classified

4. First aid measures

4.1 Description of first aid measures

If inhaled:

Remove exposed person from exposure by moving to an area of fresh air. Call a POISON CENTER or doctor/physician if you feel unwell. If breathing is difficult or absent, send for immediate medical attention. If breathing has stopped, artificial respiration should be started by qualified personnel. Oxygen may be administered by qualified personnel.

If swallowed:

Call a POISON CENTER or doctor/physician if you feel unwell. If conscious, ensure airway is clear, then have victim drink several glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

In case of eye contact:

Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

In case of skin contact:

Wash affected area with soap and water. If irritation or discomfort develops, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed:

No specific symptoms for silicone poisoning are available. Aquatain may cause temporary eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed.

There is no specific antidote. Treat symptomatically.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Small Fire: Dry chemical, CO₂, water spray or regular foam.

Large Fire: Water spray, fog or regular foam. Dike fire-control water for later disposal.
Move containers from fire area if you can do it without risk.

Unsuitable extinguishing media: High volume water jet.

5.2 Specific hazards arising from the substance:

Possible combustion products are silicon dioxide, carbon oxides and traces of incompletely burned carbon compounds.

5.3 Advice for fire-fighters:

Fire-fighting personnel must wear pressure-demand, self-contained breathing apparatus (SCBA) for all indoor fires and significant outdoor fires. Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses.

6. Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures:

Use personal protective equipment. Keep unauthorized people away. Avoid contact with spilled products or contaminated surfaces.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so.

6.3 Methods and materials for containment and cleaning up:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4 Reference to other sections

For disposal see section 13.

7. Handling and storage

7.1 Precautions for safe handling:

Exercise good industrial hygiene practice. Use with adequate ventilation. Avoid eye contact. Do not take internally. Wash after handling, especially before eating, drinking or smoking.

7.2 Conditions for safe storage, including any incompatibility:

Store in a dry, cool place. Keep the product in the original container away from food, animal foodstuffs and out of reach of children. Store the product in its original package in a safe place.

7.3 Specific end uses:

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure controls / Personal protection

8.1 Control parameters:

Exposure limits for organic arsenic compounds

No known occupational limit values.

8.2 Exposure controls:

Personal protective equipment:

No special respiratory or hand protection is needed. Use safety glasses as a minimum.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	Liquid
Colour:	Colorless
Odour:	Slight odor
Odour threshold:	No data available
Melting point/freezing point:	-28°C
Boiling point or initial boiling point and boiling range:	> 65°C
Flammability:	Not flammable
Lower and upper explosion limit:	No data available
Flash point:	> 101°C (Closed Cup)
Ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	6.0 - 6.5
Kinematic viscosity (25 °C):	100 cSt
Solubility in water:	Not miscible
Partition coefficient n-octanol/water, Log Pow (20°C):	Log P > 9
Vapour pressure:	No data available
Density:	0.97 g/mL (Specific Gravity at 25°C)
Relative vapour density:	No data available
Particle characteristics:	Not relevant

9.2 Other information

Explosive properties:	No data available
Oxidising properties:	No data available

Information with regard to physical hazard classes:

Explosives:	No data available
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Flammable gases:	No data available
Aerosols:	No data available
Oxidising gases:	No data available
Gases under pressure:	No data available
Flammable liquids:	No data available
Flammable solids:	No data available
Self-reactive substances and mixtures	
Pyrophoric liquids:	No data available
Pyrophoric solids:	No data available
Self-heating substances and mixtures: No data available	
Substances and mixtures, which emit flammable gases in contact with water: No data available	
Oxidizing liquids:	No data available
Oxidizing solids:	No data available
Organic peroxides:	No data available
Corrosive to metals:	No data available
Desensitized explosives:	No data available

10. Stability and reactivity

10.1 Reactivity:

Oxidizing material can cause a reaction.

10.2 Chemical stability:

Stable under normal usage conditions.

10.3 Possibility of hazardous reactions:

Hazardous polymerization will not occur.

10.4 Conditions to avoid:

Avoid exposure to heat, sources of ignition and open flame.

10.5 Incompatible materials:

Can react with strong oxidizing agents.

10.6 Hazardous decomposition products:

Thermal breakdown of this product during fire or very high heat conditions may result in emission of silica, carbon oxides and traces of incompletely burned carbon compounds and formaldehyde.

11. Toxicological information

11.1 Information on hazard classes

Acute toxicity

Oral LD ₅₀ (rat):	> 5000 mg/kg
Dermal LD ₅₀ (rabbit):	> 10,200 mg/kg (for PDMS)
Inhalation LC ₅₀ (4 hr rat):	> 11.58 mg/l (for PDMS in 25% white spirit)

Skin corrosion/irritation

Skin irritation (rabbit):	No adverse effects are expected.
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Serious eye damage/irritation

Eye irritation (rabbit): (rabbit).	Minimally irritating. Irritation cleared by 24 hours
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Skin sensitization:

No adverse effects are expected.

Germ cell mutagenicity

Not mutagenic (PDMS)

Carcinogenicity

Not carcinogenic (PDMS)

Reproductive toxicity:

No adverse effects are expected

Developmental toxicity:

No data available

Teratogenicity:

No data available

STOT*-single exposure:

No data available

STOT-repeated exposure:

No data available

Aspiration hazard:

No data available

11.2 Information on other hazards

No data available.

*Specific Target Organ Toxicity

12. Ecological information

12.1 Toxicity

<u>Toxicity to aquatic organisms:</u>	No adverse effects on aquatic organisms are expected.
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<u>Toxicity to soil organisms:</u>	No adverse effect on soil micro-organisms, earthworms or subsequent crops grown in the soil are expected.
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12.2 Persistence and degradability:

Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded into inorganic silica, carbon dioxide and water.

12.3 Bioaccumulative potential:

Bioaccumulation is unlikely to occur.

12.4 Mobility in soil:	If spread on soil, the silicone product is expected to degrade.
12.5 Results of PBT and vPvB assessment:	No data available.
12.6 Endocrine disrupting properties:	No data available.
12.7 Other adverse effects:	No data available.

13. Disposal considerations

13.1 Waste treatment methods

Do not reuse empty containers. Offer for recycling or reconditioning, or puncture and dispose of in accordance with local regulations.

14. Transport information

14.1 UN No.:	Not relevant
14.2 UN proper shipping name:	Not relevant
14.3 Transport hazard class:	Not relevant
14.4 Packing group:	Not relevant
14.5 Environmental hazards:	Not relevant
14.6 Special precautions for user:	None known
14.7 Maritime transport in bulk according to IMO instruments:	Not intended to be bulk transported.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This data sheet complies with the requirements of the Global Harmonized System of Classification and Labelling of chemicals (GHS)

15.2. Chemical safety assessment

For this product a chemical safety assessment was not carried out.

16. Other information

The information contained herein is applicable solely to the indicated product and does not relate to any other use of this product as described. Its use is intended by persons having technical skill and at their own discretion and risk. The information has been developed from sources reliable. This information is furnished without warranty, expressed, or implied, including the warranties of merchantability and fitness for a particular purpose is made with respect to the information contained herein.

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