

SAFETY DATA SHEET

Acrimectin

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Complying with 1907/2006/EEC Regulation of 18 December 2006 ("REACH Regulation")

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Acrimectin

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

Industrial (Insecticide).

1.3 Details of the supplier of the safety data sheet

Amir marketing and investments
Emek Hefer Industrial Area, POB 12115, 38800
Phone: 972-4-6120200
Fax: 972-4-6322255

E-mail address of person responsible for this SDS: N/A

1.4 Emergency telephone number

Emergency telephone number (with hours of operation): N/A

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP):

Flam. Liq. 3 H226
Acute Tox. 3 H301, H331
Skin Irrit. 2 H315
Eye Irrit. 2 H319
Acute Tox. 1 H330
STOT SE 3 H335
Repr. 1B H360D
STOT RE 2 H373
Aquatic Acute 1 H400
Aquatic Chronic 1 H410

See section 16 for the full text of the H-statements declared above.

2.2 Label elements

Labelling in accordance with Regulation 1272/2008 (CLP)

Hazard pictogram(s):



Signal word: Danger

Hazard statement(s):

H226: Flammable liquid and vapour.
H301: Toxic if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.

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H335: May cause respiratory irritation.
H360D: May damage the unborn child.
H373: May cause damage to organs.
H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s):

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat / sparks / open flame / hot surfaces.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P281: Use personal protective equipment as required.
P301 + P310: IF SWALLOWED: Immediately call a POISON Center or doctor/physician.
P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308 + P313: IF exposed or concerned: Get medical advice/attention.
P273: Avoid release to the environment.

2.3 Other hazard

Not available

SECTION 3: Composition/information on ingredients

3.2 Mixtures:

Substance name	Identifiers	%	CLP Classification
1-Hexanol	CAS number: 111-27-3 EC number: 203-852-3	10-30	Flam. Liq. 3 H226 Acute Tox. 4 H302 Acute Tox. 4 H312
N-methylpyrrolidone	CAS number: 872-50-4 EC number: 212-828-1	10-40	Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335 Repr. 1B H360D
Butylated hydroxy toluene	CAS number: 128-37-0 EC number: 204-881-4	1-10	Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Aquatic Chronic 2 H411
Abamectin	CAS number: 71751-41-2 EC number: N/A	0.5-4.5	Acute Tox. 2 H300 Acute Tox. 1 H330 Repr. 2 H361d STOT RE 1 H372 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based DMSO extract <3 % weight % (IP346)	CAS number: 72623-86-0 EC number: 276-737-9	1-9.5	Asp. Tox. 1 H304
Lactic acid	CAS number: 50-21-5 EC number: 200-018-0	0.1-2.5	Skin Irrit. 2 H315 Eye Dam. 1 H318

See section 16 for the full text of the H-statements declared above.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

- Eyes contact:** In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Get medical attention.
- Skin contact:** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Get medical attention.
- Inhalation:** Remove the victim from site of exposure to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Get medical attention.
- Ingestion:** **Do not induce vomiting.** If victim is conscious, wash mouth thoroughly with plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

See section 2.2 (Label elements) and/or section 11 (Toxicological information) for the most important known symptoms and effects.

4.3 Indication of any immediate medical attention and special treatment needed

Not available

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable: Foam, carbon dioxide, dry powder or water spray.

Not suitable: N/A

5.2 Special hazards arising from the substance or mixture

Flammable. Hazardous combustion products: toxic and irritating fumes.

5.3 Advice for firefighters

Special protective equipment for fire fighters: Fire fighters should wear full protective clothing and self-contained breathing apparatus in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors or spray mist. Ensure adequate ventilation. Ventilate area of spill. Keep away from sources of ignition. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

6.4 Reference to other sections

See Section 1 for emergency contact information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapors or spray mist. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames and other sources of ignition - No smoking.

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Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information measures.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep container tightly closed in a locked, dry, cool and well-ventilated place, especially intended for pesticides storage. Store in closed original container. Protect from heat, sparks and flame.

7.3 Specific end use(s): N/A

SECTION 8: Exposure control/personal protection

8.1 Control parameters

Product / Substance name	Occupational exposure limits
Butylated hydroxy toluene	ACGIH-TLV 2 mg/m ³ (TWA)

8.2 Exposure controls

Engineering measures

Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommend exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Person Protective measures

Respiratory protection: Suitable respirator. Be sure to use an approved/certified equipment or equivalent equipment. Wear appropriate respirator when ventilation is inadequate.

Hand protection: Wear protective gloves to prevent skin exposure.

Eye protection: Wear protective safety glasses.

Skin protection: Wear appropriate long-sleeved clothing to minimize skin contact.

Environmental exposure controls: Not available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Red to red-brown liquid

Odour: Do not test for odour to avoid breathing vapours

Odour threshold: N/A

pH: N/A

Melting point/Freezing point: N/A

Initial boiling point/boiling range: N/A

Flash point: 59-61°C (1-Hexanol)

Evaporation rate: N/A

Flammability: N/A

Upper/lower flammability or explosive limits: N/A

Vapor pressure: N/A

Vapor density: N/A

Relative density: N/A

Solubility(ies): N/A

Partition coefficient Octanol/Water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

Explosive properties: N/A

Oxidizing properties: N/A

9.2 Other information

N/A

SECTION 10: Stability and reactivity**10.1 Reactivity**

Not available

10.2 Chemical stability

The product is stable under normal handling and storage conditions described in Section 7.

10.3 Possibility of hazardous reactions

Hazardous reactions are not expected, under normal conditions of storage and use.

10.4 Conditions to avoid

High temperatures, sparks, open flames and sources of ignition.

10.5 Incompatible materials

Oxidizing agents.

10.6 Hazardous decomposition products

Other decomposition products: not available

In the event of fire: see section 5.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**Acute toxicity:

Product/substance name	Test	Species	Dose
1-Hexanol	LD50, Oral	Rat	>300-2000 mg/kg
	LD50, Administration onto the skin	Rabbit	>1000-2000 mg/kg
	LC50, Inhalation	Rat	>21 mg/l
N-methylpyrrolidone	LD50, Oral	Rat	3914 mg/kg
	LD50, Administration onto the skin	Rabbit	8000 mg/kg
	LC50, Inhalation	Rat	>5.1 mg/kg
Butylated hydroxy toluene	LD50, Oral	Rat	890 mg/kg
Abamectin	LD50, Oral	Rat	1.5 mg/kg
	LC50, Inhalation	Rat	1100 mg/m ³ /4H
	LD50, Administration onto the skin	Rabbit	>2000 mg/kg
Lactic acid	LD50, Oral	Rat	3543 mg/kg
	LD50, Administration onto the skin	Rabbit	>2000 mg/kg

Skin corrosion/irritation: Not availableSerious eye damage/irritation: Not availableRespiratory or skin sensitization: Not availableGerm cell mutagenicity: Not availableCarcinogenicity: Not availableReproductive toxicity: May damage the unborn child.Specific target organ toxicity (single exposure): May cause respiratory irritation.

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Specific target organ toxicity (repeated exposure): Causes damage to organs.

Aspiration hazard: Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Toxicity to algae	Toxicity to fish	Toxicity to crustaceans
1-Hexanol	ErC50/72h - Pseudokirchneriella subcapitata - >10 - 100 mg/l	LC50/96h - Pimephales promelas - 10 - 100 mg/l	EC0/24h - Daphnia magna - 100 mg/l
N-methylpyrrolidone	EC50 - Scenedesmus Subspicatus - >500 mg/l	LC50/96h - Salmo gairdneri - 3048 mg/l	EC50/48 h - Daphnia magna - 4897 mg/l
Abamectin	EC50/72h - Pseudokirchneriella subcapitata - >100 mg/l	LC50/96h – Rainbow Trout – 3.2 µg/l LC50/96h – Bluegill Sunfish – 9.6 µg/l	EC50/48 h - Daphnia magna – 0.34 ppb

12.2 Persistence and Degradability

Not available

12.3 Bioaccumulative potential

Not available

12.4 Mobility in soil

Not available

12.5 Results of PBT and vPvB assessment

Not available

12.6 Other adverse effects

Very toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Packing

Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

14.1 Un number

ADR/RID: 2903

IMDG: 2903

IATA: 2903

14.2 Proper shipping name

ADR/RID: PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S. (Abamectin, 1-Hexanol).

IMDG: PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S. (Abamectin, 1-Hexanol).

IATA: Pesticide, Liquid, Toxic, Flammable, N.O.S. (Abamectin, 1-Hexanol).

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14.3 Transport hazard class(es)

ADR/RID: 6.1, 3

IMDG: 6.1, 3

IATA: 6.1, 3

14.4 Packing group

ADR/RID: III

IMDG: III

IATA: III

14.5 Environmental hazard

Marine pollutant: yes

14.6 Special precautions for user

Not available

14.7 Transport to bulk according to Annex II of MARPOL 79/78 and the IBC Code

Not available

SECTION 15: Regulatory information

This SDS complies with the following requirements of:
EU Regulation (EC) No.1907/2006 (REACH) including amendments
Regulation (EC) No.1272/2008 (CLP)

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

Not available

15.2 Chemical safety assessment

Not available

SECTION 16: Other information

Full text of Hazards Statements referred to in sections 2 and 3:

Acute Tox. – Acute toxicity
Asp. Tox. – Aspiration hazard
Aquatic Acute – Hazardous to the aquatic environment
Aquatic Chronic – Hazardous to the aquatic environment
Eye Irrit. – Eye irritation
Eye Dam. – Eye damage
Flam. Liq. – Flammable liquid
Skin Irrit. - Skin irritation
Repr. – Reproductive toxicity
STOT RE – Specific target organ toxicity — repeated exposure
STOT SE – Specific target organ toxicity — single exposure
H226: Flammable liquid and vapour.
H300: Fatal if swallowed.
H301: Toxic if swallowed.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H330: Fatal if inhaled.
H331: Toxic if inhaled.
H335: May cause respiratory irritation.
H360D: May damage the unborn child.
H361d: Suspected of damaging the unborn child.
H372: Causes damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.

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Training advice: Before using/handling the product one must read carefully present SDS.

Key Legend Information:

CAS - Chemical Abstract Service

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NTP - National Toxicology program

IARC - International Agency for Research on Cancer

N/A - Not available

H - statements- Hazard statements

TLV - Threshold Limit Value

TWA - Time-weighted average

STEL - Short-Term Exposure Limit

CSA - Chemical safety assessment

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