



LUXEMBOURG

SAFETY DATA SHEET

Issue date:28/02/2022

1. Identification of the substance or mixture and of the supplier

Product: **ATABRON 5EC**
Recommended use: Insecticide
Supplier: Luxembourg Industries Ltd.
27 Hamered St., Tel Aviv, 6812509, ISRAEL
Emergency phone number: +972 3 796 4300

2. Hazards identification

Classification of the product according to regulation (EC) No. 1272/2008 [EU-GHS/CLP]

Hazard classification: Aspiration hazard	Category 1
Skin corrosion-Irritation	Category 2
Eye damage-Irritation	Category 1
Specific target organ toxicity (Single exposure)	Category 3
Carcinogenicity	Category 2
Toxic to reproduction	Category 1
Hazardous to the aquatic environment	
Acute hazard	Category 1
Long term hazard	Category 1

Label elements: Pictogram:



Signal word: Danger

Hazard statement(s): H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H360D	May damage fertility or the unborn child.
H362	May cause harm to breast-fed children.
EUH066	Repeated exposure may cause skin dryness or cracking.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statement(s):

Prevention:	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P260	Do not breath mist/vapours/spray.
	P263	Avoid contact during pregnancy/while nursing.
	P264	Wash hands and exposed skin thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P271	Use only outdoors or in a well-ventilated area.

ATABRON 5EC SDS
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LUXEMBOURG INDUSTRIES LTD

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	P280	Wear eye and face protection, protective gloves, and respiratory protection.
	P273	Avoid release to the environment.
Response:	P308+P313 P301+P310	IF exposed or concerned: Get medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
	P331	Do NOT induce vomiting.
	P302+P352	IF ON SKIN: Wash with plenty of soap and water.
	P332+P313	If skin irritation occurs: Get medical advice/attention.
	P362+P364	Take off contaminated clothing and wash before reuse.
	P305+P351+P338	IN IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310	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.
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
	P391	Collect spillage.
Storage:	P405	Store locked up.
	P403+P233	Store in a well-ventilated place. Keep container tightly closed.
Disposal:	P501	Dispose of contents/container in accordance with national/international regulations.

3. Information on ingredients contributing to hazard

Hazardous ingredient	% w/w	CAS #	CLP Classification
Chlorfluazuron	4.99	71422-67-8	Eye irrit 2 H319 Aquatic Acute 1 H400
N-Methyl-2-pyrrolidone	CBI*	872-50-4	Skin irrit 2 H315 Eye Irrit 2 H319 STOT SE 3 H335 REPR. 1B H360 D
Isophorone	CBI	78-59-1	Acute tox 4 H302 Acute Tox 4 H312 Eye Irrit 2 H319 STOT SE 3 H335 CARC 2 H351

*CBI Confidential Business Information

4. First-aid measures

IF exposed or concerned: Get medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Most important symptoms and effects, both acute and delayed.

After inhalation: Irritation of the respiratory tract, nasal mucous membranes. After exposure to high quantities: Narcosis.

After ingestion: Risk of aspiration, pneumonia. After exposure to high quantities: CNS depression

After Skin contact: Tingling, irritation of the skin.

After eye contact: Irritation of the eye tissue.

Indication of any immediate medical attention and special treatment needed.

There is no specific antidote. Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or CO₂.

Unsuitable extinguishing media: Solid water jet ineffective as extinguishing medium.

Specific hazards arising from the chemical: Gas/vapour flammable with air within explosion limits. Release of toxic and corrosive gases/vapours.

Special protective equipment and precautions for fire-fighters: Wear positive pressure self-contained breathing apparatus (SCBA) and chemical protective clothing.

6. Accidental release measures

Personal precautions, protective equipment: Wear respiratory protection. Avoid breathing vapours or mists. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up: Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

7. Handling and storage

Precautions for safe handling: Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe mists/vapours/spray. Use only outdoors or in a well-ventilated area. Wear respiratory protection. Contaminated work

clothing should not be allowed out of the workplace. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities:

Keep locked up and out of the reach of children. Store in a well ventilated place. Keep container tightly closed.

8. Exposure controls / personal protection

Occupational exposure limits:	Isophorone:	TLV -Ceiling:5 ppm OES-STEL 29 mg/m ³ , 5 ppm MAK 11 mg/m ³ , 2 ppm MAK-Ceiling 25 mg/m ³
	Chlorfluazuron:	Not established
	N-Methyl-2-pyrrolidone:	OES-LTEL 103 mg/m ³ , 25 ppm OES-STEL 309 mg/m ³ , 75 ppm MAK 80 Dampf mg/m ³ , 19 Dampf 19 ppm MAK-TGG 8 h 80 damp mg/m ³
Appropriate engineering controls:		Provide exhaust ventilation or other engineering controls to keep the airborne concentrations low. Ensure that eyewash stations and safety showers are in proximity to the work-station location.
Personal protective equipment:		Long sleeve shirt, long pants, boots, chemical resistant gloves, dust or mist respirator, and protective eyewear.

9. Physical and chemical properties

Appearance:	Liquid light brown liquid.
Odour:	Not available
pH:	Not available
Melting point/freezing point:	Liquid at room temperature.
Boiling point:	Not available
Evaporation rate:	Not available
Flash point:	> 41 °C
Flammability:	Flammable liquid.
Vapour pressure (25°C):	Not available
Vapour density:	Not available
Bulk density (22°C):	1.03 mg/L
Solubility in water (20°C):	< 0.01 mg/L (Chlorfluazuron)
Partition coefficient n-octanol/water (20°C):	5.8 (Chlorfluazuron)
Ignition temperature:	Not available
Decomposition temperature:	226.5 °C (Chlorfluazuron)
Viscosity:	Not available

10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal temperatures and pressure.
Possibility of hazardous reactions:	No data available
Conditions to avoid:	Keep away from heat sources, ignition sources,
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	On heating/burning: release of toxic and corrosive gases/vapours.

11. Toxicological information

Acute toxicity:

Isophorone

Oral LD ₅₀ (rat, female):	1870 mg/kg
Dermal LD ₅₀ (rabbit):	1350 mg/kg
Inhalation LD ₅₀ (rat, 4h):	7 mg/L

Chlorfluazuron

Oral LD ₅₀ (rat):	> 8500 mg/kg
Dermal LD ₅₀ (rabbit):	> 2000 mg/kg
Inhalation LD ₅₀ (rat, 4h):	> 2.4 mg/L

Skin corrosion/irritation

Skin irritation (rabbit):	Irritant
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Serious eye damage/irritation

Eye irritation (rabbit):	Irritant
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Respiratory or skin sensitization Not available

Germ cell mutagenicity: Not available

Carcinogenicity: Suspected of causing cancer

Reproductive toxicity: May damage fertility or the unborn child. May cause harm to breast-fed children.

STOT single exposure: May cause respiratory irritation. May cause drowsiness or dizziness.

STOT repeated exposure: Repeated exposure may cause skin dryness or cracking

Aspiration hazard: May be fatal if swallowed and enters airways.

12. Ecological information (Chlorofluazuron)

Ecotoxicity:

Quail and mallard ducks LD ₅₀ :	> 2510 mg/kg
Quail and mallard ducks LC ₅₀ (8d):	> 5620 mg/kg diet
Carp LC ₅₀ (48 hr):	> 300 mg/L
<i>Daphnia magna</i> EC ₅₀ (48 hr):	0.908 µg/L
Bees LD ₅₀ (oral)	> 100 µg/bee

Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available
Other adverse effects:	Not available

13. Disposal considerations

Dispose of in accordance with local regulations.

14. Transport information

UN No.: 1993

Proper shipping name: Flammable liquid, N.O.S. (aromatic solvent)

Transport hazard class: 3

Packaging group: III

Marine pollutant: Yes

15. Regulatory information

This data sheet complies with the requirements of Regulation 1907/2006/EC.

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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