

MATERIAL SAFETY DATA SHEET

Acaristop 500 SC



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

Identification of the product : Liquid.
Supplier : AAKO B.V.
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Type of product : (SC) Suspension concentrate (Flowable concentrate)
Use : Acaricide
Emergency phone number : Call local Poison Control Centre for assistance.
DZ : +213 21 97 98 98
EG : +20 2 6840902
MA : +212 (0)37 68 64 64
TN : +216 1 335500

2. Hazards identification

This product does not contain hazardous components.

Adverse human health effects : No significant hazards.
Environmental hazard : May cause long-term adverse effects in the aquatic environment.
Symptoms relating to use
- Skin contact : May cause mild eye and skin irritation.

3. Composition / Information on ingredients

Substance name	Value(s)	CAS nr / EC nr / EC annex	Symbol(s)	R-Phrase(s)
<u>Clofentezine</u>	: ca 500 g/l	74115-24-5 / 277-728-2 / ----		

See heading 16, where the full text of each relevant R phrase shall be listed.

4. First Aid measures

First aid

- Inhalation : Remove victim to fresh air.
If you feel unwell, seek medical advice.

- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Seek medical attention if irritation develops.

- Eye contact : In case of eye contact, immediately rinse with clean water for 20-30 minutes.
Seek medical attention immediately.

- Ingestion : DO NOT INDUCE VOMITING.
Rinse mouth with water.
Give nothing to drink.
Seek medical attention immediately.

Note to physician : No specific antidote known.
Treat symptomatically.

5. Fire-Fighting measures

Extinguishing media

- Suitable : dry chemical , carbon dioxide , water spray , foam

Special exposure hazards : Thermal decomposition generates: nitrogen oxides , sulfur oxides , hydrogen chloride , hydrogen cyanide , carbon oxides

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory

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5. Fire-Fighting measures (continued)

Special procedures : protection.
: Avoid (reject) fire-fighting water to enter environment.

6. Accidental release measures

Personal precautions : Avoid contact with skin and eyes.
Good ventilation of the workplace required.
Wear recommended personal protective equipment.
See Heading 8.

Environmental precautions : Prevent entry to sewers and public waters.

After spillage and/or leakage : Clean up any spills as soon as possible, using an absorbent material to collect it.
Collect spills and put it into appropriated container.

7. Handling and storage

Handling : Do not breathe spray.
Avoid contact with skin and eyes.

Storage : Keep in original containers.
Keep container closed when not in use.
Store in dry, cool, well-ventilated area.
Storage temperature :
minimum temperature: 0 °C
maximum temperature: 35 °C

8. Exposure controls and personal protection

Personal protection

- Respiratory protection : During spraying wear suitable respiratory equipment.
- Hand protection : Wear suitable gloves resistant to chemical penetration. (PVC gloves.)
- Skin protection : Wear suitable protective clothing and chemical resistant boots
- Eye protection : Chemical goggles or safety glasses.

Industrial hygiene : Good ventilation of the workplace required.
Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Wash clothing before re-using.

Occupational Exposure Limits : Not established.

9. Physical and chemical properties

Physical state : Liquid.

Colour : Red.

Odour : Mild

pH value : 6.9
7.2 (1% aqueous solution)

Density [kg/m³] : 1195 (20°C)

Viscosity : 14000 mPa (22°C)

Solubility in water : Suspension.

Flash point [°C] : Not applicable.

Explosive properties : Not explosive.

Log P octanol / water at 20°C : 3.1 (Clofentezine)

Surface tension : 0.054 N/m (20°C; 0.05 % (w/v))

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10. Stability and reactivity

Stability	: Stable under recommended storage and handling conditions.
Hazardous decomposition products	: Thermal decomposition generates: carbon oxides , sulfur oxides , hydrogen chloride , hydrogen cyanide , nitrogen oxides
Hazardous reactions	: None known.
Materials to avoid	: None known.

11. Toxicological information

On product	
Acute toxicity	
- Oral	: LD50 (rat) : > 5000 mg/kg
- Dermal	: LD50 (rat) : > 5000 mg/kg
- Inhalation	: LC50 (rat) : No data available.
Dermal irritation (rabbit)	: Slight skin irritant
Eyes irritation (rabbit)	: Slight eye irritant.
Sensitization	: This material was found to be non-sensitising in guinea pigs.
Chronic toxicity	
Carcinogenicity	: No carcinogenic effect.
Mutagenicity	: Non-mutagenic.
Reproductive toxicity	: Not teratogenic

12. Ecological information

Ecotoxicity	: Fish LC50 (96h) : 20 mg/l Oncorhynchus mykiss LC50 (96h) : > 200 mg/l Lepomis macrochirus Daphnia magna EC50 (48h) : > 200 mg/l Algae NOEC (72h) > 100 mg/l
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13. Disposal considerations

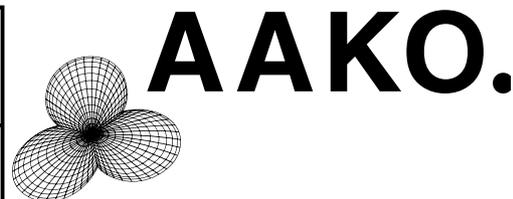
Disposal	: Dispose in a safe manner in accordance with local/national regulations.
EWC-Nr. (European waste catalogus):	: The mentioned EWC codes are recommendations on the basis of the suspected use of this product. Under certain circumstances also other EWC codes can be granted on the basis of the specific use and the facilities for waste treatment at the user. 02 01 08 agrochemical waste containing dangerous substances 07 04 99 wastes not otherwise specified 20 01 19 Pesticides
WGK class (Germany)	: 1

14. Transport information

Not regulated.

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15. Regulatory information

EC Labelling	: Not classified
R Phrase(s)	: R 53 : May cause long-term adverse effects in the aquatic environment.
S Phrase(s)	: S 2 : Keep out of the reach of children. S 13 : Keep away from food, drink and animal feedingstuffs. S 20/21 : When using do not eat, drink or smoke. S 36/37 : Wear suitable protective clothing and gloves.

16. Other information

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The content and format of the MSDS are in accordance with Regulation (EC) No 1907/2006 and subsequent amendments.

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