

# Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

print: 16.12.2024

rev n°: 2 (replaces version 1)

Revision date: 16.12.2024

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

### 1.1 Product identifier

**Trade name:** SPARVIERO**kind of formulation:** Capsule suspension (CS)**Article number:** Not applicable**Registration number REACH:** Not applicable.**UFI:** E6Q5-E0YT-UC09-CMYM

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

Relevant use: Agriculture.

Agrochemicals formulation.

Insecticide

**Product category PC27:** Plant protection products

### Application of the substance / the mixture

Agricultural chemicals

Plant protection product

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**

SIPCAM OXON S.p.A.

Registered office: Via Carroccio, 8 - 20123 Milano, Italia

Management: Via Sempione, 195 - 20016 Pero (MI), Italia

Production site: Via Vittorio Veneto, 81 - 26857 Salerano s. Lambro (LO), Italia

Tel.: +39 0371 5961 (8:00 - 17:00 GMT+1)

Website: [www.sipcam-oxon.com](http://www.sipcam-oxon.com)E-mail: [msds@sipcam.com](mailto:msds@sipcam.com)

### 1.4 Emergency telephone number:

Emergency phone: +39 02 353781 (8.00-17.00 GMT+1)

For any questions regarding this MSDS please contact:

[msds@sipcam.com](mailto:msds@sipcam.com)

Refer to section 16 for Poison Centres.

For ROI only: In the event of an emergency, call the National Poisons Centre,

Beaumont Hospital at 01 809 2566 or 01 837 9964

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008



GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Acute Tox. 4 H332 Harmful if inhaled.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms



GHS07



GHS09

**Signal word:** Warning

#### Hazard-determining components of labelling:

lambda-cyhalothrin

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Calcium Ammonium Nitrate

**Hazard statements**

H302+H332 Harmful if swallowed or if inhaled.

H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

P261 Avoid breathing spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P350 IF ON SKIN: Gently wash with plenty of soap and water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P314 Get medical advice/attention if you feel unwell.

P391 Collect spillage.

P502 Refer to manufacturer or supplier for information on recovery or recycling.

**Additional information:**

SP1 Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

EUH208 Contains 1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine. May produce an allergic reaction.

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** The mixture does not contain any PBT substances.**vPvB:** The mixture does not contain any vPvB substances.**Determination of endocrine-disrupting properties**

The substance/mixture does not contain components considered to have endocrine disrupting properties in accordance with Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures****Description:** Mixture of the substances listed below with harmless additions:**Dangerous components:**

N° CAS	Designation	R-Phrases	%
CAS: 64742-94-5 EC number: 922-153-0 Reg.nr.: 01-2119451097-39-xxxx	Aromatic hydrocarbons C10-C13, naphtalene <1% ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411		≥10-<25%
CAS: 91465-08-6 ELINCS: 415-130-7 Index number: 607-252-00-6	lambda-cyhalothrin ⚠ Acute Tox. 3, H301; Acute Tox. 2, H330; ⚠ Aquatic Acute 1, H400 (M=10000); Aquatic Chronic 1, H410 (M=10000); ⚠ Acute Tox. 4, H312		2.5-10%
CAS: 15245-12-2 EINECS: 239-289-5 Reg.nr.: 01-2119493947-16-xxxx	Calcium Ammonium Nitrate ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302		≥3-≤10%
CAS: 4719-04-4 EINECS: 225-208-0 Index number: 613-114-00-6	1,3,5-tris(2-hydroxyethyl)hexahydro-1,3,5-triazine ⚠ Acute Tox. 2, H330; ⚠ STOT RE 1, H372; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.1 %		<0.1%

**Additional information**

Factor M=1, unless otherwise stated.

For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**4.1 Description of first aid measures****General information**

Show this safety data sheet to the doctor.

Instantly remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Personal protection for the First Aider.

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**After inhalation**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness bring patient into stable side position for transport.

**After skin contact** Instantly wash with water and soap and rinse thoroughly.

**After eye contact**

Rinse opened eye for several minutes under running water, until symptoms disappear, and then with ophthalmic decongestant solution; seek medical attention. Take immediately to hospital, in case of severe injuries.

**After swallowing**

Do not induce vomiting; instantly call for medical help.

Instantly call for doctor.

Call a doctor immediately.

Rinse out mouth without swallowing, do not induce vomiting.

**Information for doctor** Patient needs medical supervision for 48 h.

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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

Seek the advice of a Poison Control Centre

Treat symptomatically and supportively

### SECTION 5: Firefighting measures

**5.1 Extinguishing media****Suitable extinguishing agents**

CO<sub>2</sub>, extinguishing powder. Fight larger fires with water spray or alcohol-resistant foam. Do not use a direct stream of water to extinguish.

**For safety reasons unsuitable extinguishing agents** None.

**5.2 Special hazards arising from the substance or mixture**

Can be released in case of fire:

Nitrogen oxides (NO<sub>x</sub>)

Carbon monoxide (CO)

**5.3 Advice for firefighters****Protective equipment:**

Do not inhale explosion gases or combustion gases.

Put on breathing apparatus.

Wear protective clothing conforming to European Standard EN 469.

**Additional information**

Cool endangered containers with water spray jet.

Collect contaminated fire fighting water separately. It must not enter drains.

Do not allow extinguishing media and spilled material to enter drains or water courses.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing;

remove ignition sources and provide sufficient ventilation

apply emergency procedures, evacuate the danger area or consult an expert.

**6.1.2. For emergency responders**

wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing;

Provide inhalation protection adapt to the product

Wear protective clothing, boots and glasses

Keep people at a distance and stay on the windward side.

**6.2 Environmental precautions:**

Avoid ignition sources.

Inform respective authorities in case product reaches water or sewage system.

Do not allow to enter drainage system, surface or ground water.

Prevent from spreading (e.g. by damming-in or oil barriers).

Collect with suitable equipment and do not allow to enter drainage system, surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to Section 13.

Ensure adequate ventilation.

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**6.4 Reference to other sections**

See Section 7 for information on safe handling  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for information on disposal.

### SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.  
 Prevent formation of aerosols.  
 Avoid splashes or spray in enclosed areas.  
 Wear personal protective equipments (PPE).  
 The usual precautionary measures for handling chemicals shall be observed.  
**Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.

**Handling** Avoid direct or indirect contact with the product. Do not eat, drink or smoke while working.

**7.2 Conditions for safe storage, including any incompatibilities****Storage**

Store in a cool and ventilated place, away from heat source and direct sunlight without open sewage system.  
 Keep out the reach of children, unauthorized persons and animals. Keep away from food, drink and animal feedingstuffs.  
**Requirements to be met by storerooms and containers:** Store only in the original container.

**Information about storage in one common storage facility:**

Prevent storage with incompatible materials (see chapter 10).

Store away from foodstuffs.

**Further information about storage conditions:**

Keep container tightly sealed.  
 Store in cool, dry conditions in well sealed containers.

**Storage class 10****7.3 Specific end use(s)**

Agriculture  
 To be applied strictly for the uses described in the label.

### SECTION 8: Exposure controls/personal protection

**8.1 Control parameters****Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**DNELs****CAS: 64742-94-5 Aromatic hydrocarbons C10-C13, naphtalene <1%**

Oral	DNEL Long-term	7.5 mg/kg bw/day (consumers) systemic effects
Dermal	DNEL Long-term	12.5 mg/kg bw/day (workers) systemic effects 7.5 mg/kg bw/day (consumers) systemic effects
Inhalative	DNEL Long-term	151 mg/m <sup>3</sup> (workers) systemic effects 32 mg/m <sup>3</sup> (consumers) systemic effects

**CAS: 15245-12-2 Calcium Ammonium Nitrate**

Oral	DNEL Long-term	8.33 mg/kg bw/day (consumers)
Dermal	DNEL Long-term	13.9 mg/kg bw/day (workers) 8.33 mg/kg bw/day (consumers)
Inhalative	DNEL Long-term	24.5 mg/m <sup>3</sup> (workers) 6.3 mg/m <sup>3</sup> (consumers)

**PNECs****CAS: 15245-12-2 Calcium Ammonium Nitrate**

PNEC 18 mg/L (sewage treatment plant)

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0.45 mg/L (fresh water)
4.5 mg/L (intermittent release in water)
0.045 mg/L (marine water)

**Additional information:** The lists that were valid during the compilation were used as basis.

### 8.2 Exposure controls

**Appropriate engineering controls** Provide a proper ventilation, especially for indoor workplaces.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures**

The usual precautionary measures for handling chemicals shall be observed.

Keep away from foodstuffs, beverages and food.

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Do not eat, drink or smoke while working.

**Breathing equipment:**

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.



Breathing protection recommended in accordance with the relevant European Standards.

### Hand protection

Protective gloves (rubber or plastic).



Protective gloves against chemicals and micro-organisms in accordance with EN 374

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves** Nitrile rubber, NBR

**Eye/face protection**

Safety glasses recommended during refilling.



Safety glasses in accordance with EN 166.

**Body protection:** Protective work clothing.

**Boots** Safety footwear for professional use in accordance with EN 345.

**Environmental exposure controls**

Waste waters from equipment cleaning shall be disposed according to local and national regulation.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**General Information**

**Physical state**

Capsule suspension

**Colour:**

Beige

**Odour:**

Characteristic

**Melting point/freezing point:**

Not determined

**Boiling point or initial boiling point and boiling range**

Not determined

**Flammability**

Not applicable because the product is liquid

**Lower and upper explosion limit**

**Lower:**

Not explosive

Method EU A.14

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<b>Upper:</b>	Not explosive Method EU A.14
<b>Flash point:</b>	Not necessary since the PPP doesn't contain flammable solvents.
<b>Auto-ignition temperature:</b>	398 °C (EU A.15)
<b>pH</b>	6.39 (CIPAC MT 75.3)
<b>pH value</b> (1% in distilled water)	7.14 (CIPAC MT 75.3)
<b>pH (undiluted sample)</b>	
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>dynamic at 20 °C:</b>	350 mPas (CIPAC MT 192; 20 rpm)
<b>Solubility</b>	
<b>Water:</b>	Dispersible
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 20 °C</b>	1.063 g/ml (CIPAC MT 3.3.2)

**9.2 Other information****Appearance:****Form:** Liquid**Important information on protection of health and environment, and on safety.****Self-inflammability:** 398 °C (EU A.15)**Explosive properties:** Product is not explosive.  
Method EU A.14**Change in condition****Softening point/range****Oxidising properties:** Not an oxidiser  
Method EU A.21**Information with regard to physical hazard classes****Explosives:** The product is not explosive. Method EU A.14**Flammable gases:** Void**Aerosols:** Void**Oxidising gases:** Void**Gases under pressure:** Void**Flammable liquids:** The product is not flammable as it does not contain flammable solvents.**Flammable solids:** Void**Self-reactive substances and mixtures:** Void**Pyrophoric liquids:** Product is not autoflammable. Method EU A.15**Pyrophoric solids:** Void**Self-heating substances and mixtures:** Void**Substances and mixtures, which emit flammable gases in****contact with water:** Void**Oxidising liquids:** Product not oxidising. Method EU A.21**Oxidising solids:** Void**Organic peroxides:** Void**Corrosive to metals:** Void**Desensitised explosives:** Void**SECTION 10: Stability and reactivity****10.1 Reactivity** The product is not reactive under recommended handling conditions.**10.2 Chemical stability** Stable under the recommended handling and storage conditions (see section 7).**Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.**10.3 Possibility of hazardous reactions** No dangerous reactions are known.**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:**

None in standard storage conditions.

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None in standard storage conditions.

### SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Harmful if swallowed or if inhaled.

##### LD/LC50 values that are relevant for classification:

Oral	LD50	>2,000 mg/kg (rat) OECD 425
Dermal	LD50	>2,020 mg/kg (rat) (OECD 402)
Inhalative	LC50 (4 h)	1.02 mg/L (rat) (OECD 403)

##### CAS: 64742-94-5 Aromatic hydrocarbons C10-C13, naphtalene <1%

Oral	LD50	6,318 mg/kg (rat) (OECD 401) 5,558 mg/kg (rat female) (OECD 401) 7,093 mg/kg (rat male) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50 (4 h)	>4,688 mg/L (rat) (OECD 403)

##### CAS: 91465-08-6 lambda-cyhalothrin

Oral	LD50	56 mg/kg (rat)
Dermal	LD50	632 mg/kg (rat)
Inhalative	LC50 (4 h)	0.066 mg/L (rat)

##### CAS: 15245-12-2 Calcium Ammonium Nitrate

Oral	LD50	>300 mg/kg (rat)
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##### Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

##### Skin corrosion / irritation - Test

Irritation of skin	Skin corrosion	(rabbit) (OECD 404) Not irritating
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##### CAS: 64742-94-5 Aromatic hydrocarbons C10-C13, naphtalene <1%

Irritation of skin	Skin corrosion	(rabbit) (OECD 404) Not irritating
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Serious eye damage/irritation Based on available data, the classification criteria are not met.

##### Serious eye damage / Irritation - Test

Irritation of eyes	Eye Irritation	(rabbit) (OECD 405) Not irritating
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##### CAS: 64742-94-5 Aromatic hydrocarbons C10-C13, naphtalene <1%

Irritation of eyes	Eye Irritation	(rabbit) (OECD 405) Not irritating
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Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

##### Sensitisation - Test

Sensitization	(guinea pig) (OECD 406) Not sensitizing
---------------	--

##### CAS: 64742-94-5 Aromatic hydrocarbons C10-C13, naphtalene <1%

Sensitization	(guinea pig) (OECD 406) Not sensitizing
---------------	--

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

Other information: For symptoms and effects see section 4.

##### Additional toxicological information:

Acute effects (acute toxicity, irritation and corrosivity) No further information available.

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**CMR effects (cancerogenity, mutagenicity and toxicity for reproduction)**

No carcinogenic, mutagenic or reprotoxic effects were found

**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

**12.1 Toxicity** Very toxic to aquatic life with long lasting effects.**Aquatic toxicity:**

EC50 (72h)	36 mg/L ( <i>Desmodemus subspicatus</i> )
LC50 (96h)	0.02 mg/L (rainbow trout ( <i>oncorhynchus mykiss</i> ))
EC50 (48h)	0.0081 mg/L ( <i>Daphnia magna</i> )

**CAS: 64742-94-5 Aromatic hydrocarbons C10-C13, naphtalene <1%**

LC50 (96h)	0.46 mg/L (rainbow trout ( <i>oncorhynchus mykiss</i> )) (EPA OPP 72-1 (Fish Acute Toxicity Test)) LL50 = 3.6 mg/l
EC50 (48h)	0.471 mg/L ( <i>Tetrahymena pyriformis</i> ) 1.1 mg/L ( <i>Daphnia magna</i> ) (EPA OPP 72-2 (Aquatic Invertebrate Acute Tox. Test))
EbC50 (72h)	0.29 mg/L (algae <i>Pseudokirchneriella subcapitata</i> )
ErC50 (72h)	0.42 mg/L (algae <i>Pseudokirchneriella subcapitata</i> )

**CAS: 91465-08-6 lambda-cyhalothrin**

LC50 (96h)	0.078 mg/L ( <i>leuciscus idus</i> )
EC50 (48h)	0.00023 mg/L ( <i>Daphnia magna</i> )
ErC50 (72h)	0.0005 mg/L (algae <i>Pseudokirchneriella subcapitata</i> )
NOEC	0.00025 mg/L ( <i>Cyprinus carpio</i> ) (28 d)

**Environmental toxicity**

Oral	EC 50	>2,000 mg/kg (bobwhite quail)
	LD 50	12.24 µg/bee (bee ( <i>Apis mellifera</i> ))
Dermal	LD 50	0.091 µg/bee (bee ( <i>Apis mellifera</i> ))

**CAS: 91465-08-6 lambda-cyhalothrin**

Oral	EC 50	>3,950 mg/kg (mallard duck) >1,000 mg/kg (earthworms, <i>Eisenia foetida</i> ) (14d - riferito al suolo)
	LD 50	0.91 µg/bee (bee ( <i>Apis mellifera</i> ))
Dermal	LD 50	0.038 µg/bee (bee ( <i>Apis mellifera</i> ))

**12.2 Persistence and degradability****CAS: 64742-94-5 Aromatic hydrocarbons C10-C13, naphtalene <1%**

Biodegradation 70 % (28 d OECD 301F)

**12.3 Bioaccumulative potential****CAS: 91465-08-6 lambda-cyhalothrin**

BCF - Bioconcentration factor 3,635

**12.4 Mobility in soil****CAS: 91465-08-6 lambda-cyhalothrin**Koc 38,000 ml/g  
immobile in soil**12.5 Results of PBT and vPvB assessment****PBT:** None of the ingredients meets the classification requirements.**vPvB:** None of the ingredients meets the classification requirements.**12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.**12.7 Other adverse effects** No further relevant information available.**Remark:** Very toxic for fish

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**DT 50 (active ingredient)**
**CAS: 91465-08-6 lambda-cyhalothrin**

DT 50	174.6 days (soil) moderate to high persistence
	15.1 days (water) rapid dissipation in water

**Additional ecological information:**
**General notes:**

Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water.  
 Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.  
 Danger to drinking water if even extremely small quantities leak into soil.  
 Also poisonous for fish and plankton in water bodies.  
 Very toxic for aquatic organisms

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**
**Recommendation**


Must be specially treated under adherence to official regulations.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packagings:** Dispose empty packagings according to current regulations.

**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

**14.1 UN number or ID number**
**ADR/RID/ADN, IMDG, IATA**

UN3082

**14.2 UN proper shipping name**
**ADR/RID/ADN**

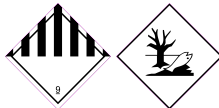
3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (lambda-cyhalothrin)

**IMDG**

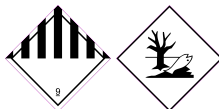
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (lambda-cyhalothrin, Solvent naphtha (petroleum), heavy arom.), MARINE POLLUTANT

**IATA**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (lambda-cyhalothrin)

**14.3 Transport hazard class(es)**
**ADR/RID/ADN**

**Class  
Label**

 9 (M6) Miscellaneous dangerous substances and articles.  
9

**IMDG, IATA**

**Class  
Label**

 9 Miscellaneous dangerous substances and articles.  
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**14.4 Packing group****ADR/RID/ADN, IMDG, IATA** III**14.5 Environmental hazards:**

Product contains environmentally hazardous substances: lambda-cyhalothrin

**Marine pollutant:**

Yes

**Special marking (ADR/RID/ADN):**

Symbol (fish and tree)

**Special marking (IATA):**

Symbol (fish and tree)

Symbol (fish and tree)

**14.6 Special precautions for user**

Warning: Miscellaneous dangerous substances and articles.

**Kemler Number:**

90

**EMS Number:**

F-A,S-F

**Stowage Category**

A

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

**Transport/Additional information:****ADR/RID/ADN****Limited quantities (LQ)**

5L

**Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

**Transport category**

3

**Tunnel restriction code**

E

**Remarks:**

Transport in Limited Quantities only in suitable packaging.

ADR Special Provision 375 may apply for UN 3077 in packagings of 5 kg or less and for UN3082 in packagings of 5 L or less.

**IMDG****Limited quantities (LQ)**

5L

**Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

**Remarks:**

IMDG Code 2.10.2.7 may apply for UN 3077 in packagings of 5 kg or less and for UN3082 in packagings of 5 L or less.

**IATA****Remarks:**

For UN 3077 in packagings of 5 kg or less and UN3082 in packagings of 5 L or less, Special Provision A197 may apply according to IATA Dangerous Goods Regulation.

**UN "Model Regulation":**

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LAMBDA-CYHALOTHIN), 9, III

### SECTION 15: Regulatory information

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

Regulation (EC) n. 1907/2006

Regulation (EC) n. 1272/2008

Regulation (EC) n. 790/2009 and (EU) no. 758/2013

Regulation (EU) n. 2020/878

Regulation (EU) n. 286/2011

Regulation (EU) n. 618/2012

Regulation (EU) n. 487/2013

Regulation (EU) n. 944/2013

Regulation (EU) n. 605/2014

Regulation (EU) n. 2015/1221

Regulation (EU) n. 2016/918

Regulation (EU) n. 2016/1179

Regulation (EU) n. 2017/776

Regulation (EU) n. 2018/669

Regulation (EU) n. 2018/521

Regulation (EU) n. 2018/1480

Regulation (EU) n. 2020/217

Regulation (EU) n. 2020/1182

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## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

print: 16.12.2024

rev n°: 2 (replaces version 1)

Revision date: 16.12.2024

**Trade name: SPARVIERO**

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Regulation (EU) n. 1107/2009  
 Regulation (EU) n. 2021/643  
 Regulation (EU) n. 2021/849  
 Regulation (EU) n. 2022/692  
 Regulation (EU) n. 2023/1434  
 Regulation (EU) n. 2022/1435  
 Regulation (EU) n. 2024/197

**Directive 2012/18/EU****Named dangerous substances - ANNEX I** Not applicable**Seveso category E1** Hazardous to the Aquatic Environment**Qualifying quantity (tonnes) for the application of lower-tier requirements** 100 t**Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148****Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

CAS: 15245-12-2 | Calcium Ammonium Nitrate

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**National regulations****Technical instructions (air):**

Class	Share in %
Wasser	62.9
I	9.9

**Water hazard class:** Water danger class 3 (Self-assessment): extremely hazardous for water.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point. Please see [https://ec.europa.eu/home-affairs/sites/homeaffairs/files/what-we-do/policies/crisis-and-terrorism/explosives/explosives-precursors/docs/list\\_of\\_competent\\_authorities\\_and\\_national\\_contact\\_points\\_en.pdf](https://ec.europa.eu/home-affairs/sites/homeaffairs/files/what-we-do/policies/crisis-and-terrorism/explosives/explosives-precursors/docs/list_of_competent_authorities_and_national_contact_points_en.pdf).

In case of emergency, contact your local Poison Centre through Global Health Observatory data on [http://www.who.int/gho/phe/chemical\\_safety/poisons\\_centres/en/](http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/)

A list of European Poison Centres is available on [http://ec.europa.eu/growth/sectors/chemicals/poison-centres/index\\_en.htm](http://ec.europa.eu/growth/sectors/chemicals/poison-centres/index_en.htm)

**Department issuing data specification sheet:** Product safety department.**Contact:**

Product safety department

SIPCAM OXON [msds@sipcam.com](mailto:msds@sipcam.com)For Poison Centres in Europe see: <https://poisoncentres.echa.europa.eu>**Date of previous version:**

01.12.2022

01.12.2022

**Version number of previous version:** 1**Abbreviations and acronyms:**

EC 50: Effective concentration, 50 percent

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*ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*GHS: Globally Harmonised System of Classification and Labelling of Chemicals*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*DNEL: Derived No-Effect Level (REACH)*

*PNEC: Predicted No-Effect Concentration (REACH)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Acute Tox. 3: Acute toxicity – Category 3*

*Acute Tox. 4: Acute toxicity – Category 4*

*Acute Tox. 2: Acute toxicity – Category 2*

*Skin Irrit. 2: Skin corrosion/irritation – Category 2*

*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*

*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

*Skin Sens. 1: Skin sensitisation – Category 1*

*STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1*

*Asp. Tox. 1: Aspiration hazard – Category 1*

*Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1*

*Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1*

*Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2*

### **Sources**

*Document elaborated on the basis of the data required by the EC Regulation 1107/2009 (plant protection products) and in accordance with the EC Regulation 878/2020.*

*\* Data compared to the previous version altered. 01.12.2022*

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