

Safety data sheet

according to 1907/2006/EC, Article 31

print: 25.11.2022

rev n°: 1

Revision date: 25.11.2022

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

1.1 Product identifier

Trade name: Lightning**kind of formulation:** emulsifiable concentrate (EC)**Article number:** not applicable**Use:** herbicide**Registration number REACH:** Not applicable.**UFI:** S2GG-QWCD-A10N-UXV8**1.2 Relevant identified uses of the substance or mixture and uses advised against:** Relevant use: Agriculture.**Application of the substance / the mixture:** Agricultural chemicals

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 - Italy

Production Site: Via Vittorio Veneto, 81 - 26857 Salerano sul Lambro (LO) - Italy

TEL.: +39 0371 5961

1.4 Emergency telephone number:

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

For any questions regarding this MSDS please contact:

msds@sipcam.com

Refer to section 16 for Poison Centres.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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



health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H336 May cause drowsiness or dizziness.

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



GHS08



GHS09

Signal word: Danger**Hazard-determining components of labelling:**Hydrocarbons C10 aromatics <1% naphthalene
clothodim**Hazard statements**

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P391 Collect spillage.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

P280:
 Operator: Wear protective gloves and work wear (coverall) during mixing/loading and work wear during application.
 Worker: Wear protective gloves and work wear during harvesting in the treated area.

Additional information:
 SP1 Do not contaminate water with the product or its container.
 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: Not applicable
vPvB: Not applicable

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: 918-811-1 Reg.nr.: 01-2119463583-34 | Hydrocarbons C10 aromatics <1% naphthalene | ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H336 | 25-50% |
| CAS: 99129-21-2 Index number: 606-150-00-9 | clethodim | ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317; Aquatic Chronic 3, H412, EUH066 | 19.77% |

Additional information 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

Instantly remove any clothing soiled by the product.

Personal protection for the First Aider.

After inhalation

Supply fresh air and call for doctor for safety reasons.

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. If symptoms persist, consult doctor.

After swallowing

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

Headache

If ingested, the material can be aspirated into the lungs and cause chemical pneumonia

Narcosis

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

Use fire fighting measures that suit the environment.

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Carbon dioxide
Water haze
Dry chemical
Foam

For safety reasons unsuitable extinguishing agents Avoid full water jet.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Can be released in case of fire:

Carbon Oxides (COx)
Nitrogen oxides (NOx)
Sulphur oxides (SOx)
Chlorine (Cl₂)

5.3 Advice for firefighters

Protective equipment:

Wear protective clothing conforming to European Standard EN 469.

Do not inhale explosion gases or combustion gases.

Wear self-contained breathing apparatus.

Additional information

Cool endangered containers with water spray jet.

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

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

Keep away from ignition sources

Wear protective clothing.

6.2 Environmental precautions:

Do not allow to enter the ground/soil.

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

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.

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.

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.

7.3 Specific end use(s)

Agriculture

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

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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 Hydrocarbons C10 aromatics <1% naphtalene

| | | |
|------------|----------------|---|
| 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 | 150 mg/m ³ (workers) systemic effects 32 mg/m ³ (consumers) systemic effects |

CAS: 104-76-7 2-Ethyl-1-hexanol

| | | |
|------------|-----------------|---|
| Oral | DNEL Long-term | 1.1 mg/kg bw/day (consumers) effetti sistemici |
| Dermal | DNEL Long-term | 23 mg/kg bw/day (workers) effetti sistemici 11.4 mg/kg bw/day (consumers) effetti sistemici |
| Inhalative | DNEL Short-term | 53.2 mg/m ³ (workers) effetti locali 26.6 mg/m ³ (consumers) effetti locali |
| | DNEL Long-term | mg/m ³ (workers) 12.8 mg/m ³ - effetti sistemici 53,2 mg/m ³ - effetti locali mg/m ³ (consumers) 2.3 mg/m ³ - effetti sistemici 26.6 mg/m ³ - effetti locali |

PNECs

CAS: 104-76-7 2-Ethyl-1-hexanol

| | |
|------|---|
| PNEC | 0.284 mg/kg (freshwater sediments) |
| | 0.028 mg/kg (marine water sediments) |
| | 0.047 mg/kg (soil) |
| PNEC | 10 mg/L (sewage treatment plant) |
| | 0.017 mg/L (fresh water) |
| | 0.17 mg/L (intermittent release in water) |
| | 0.002 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.

Eye wash stations shall be available in the work area.

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.

Avoid contact with the eyes and skin.

Do not eat, drink or smoke while working.

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Breathing equipment:

Use breathing protection in case of insufficient ventilation (according to applicable European Standard).

Filter A

Hand protection

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.

Material of gloves Nitrile rubber, NBR**Eye/face protection**

Tightly sealed safety glasses in accordance with EN 166.

Body protection: Protective work clothing.**Boots** Safety footwear for professional use in accordance with EN 345.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information**

| | |
|---|-------------------------------------|
| Colour: | Yellow |
| Odour: | Characteristic |
| Melting point/freezing point: | Not determined |
| Boiling point or initial boiling point and boiling range | Not determined |
| Flammability | Not applicable. |
| Flash point: | 70 °C (EC Reg.440/2008 method A9) |
| Self-inflammability: | Product is not selfigniting. |
| Decomposition temperature: | Not determined. |
| pH at 24.6 °C | 5.40 (CIPAC MT 75.3) |
| pH value (1% in distilled water) at 24.7 °C | 4.12 (CIPAC MT 75.3) |
| pH (undiluted sample) | |
| Viscosity: | |
| Kinematic viscosity at 40 °C | 3.734 mm ² /s |
| dynamic at 40 °C: | 3.488 mPas |
| Solubility | |
| Water: | miscible |
| Partition coefficient n-octanol/water (log value) | Not determined. |
| Vapour pressure: | Not determined. |
| Density and/or relative density | |
| Density at 20 °C | 0.934 g/mL (OECD 109 EC Method A.3) |
| Relative density at 20 °C | 0.934 |

9.2 Other information

Surface tension 32.01 mN/m OECD 115 EC Reg.440/2008 Method A.5

Appearance:**Form:** homogeneous liquid**Important information on protection of health and environment, and on safety.****Ignition temperature:** Not determined**Explosive properties:** Product is not explosive.**Change in condition****Softening point/range****Oxidising properties** Not an oxidiser**Information with regard to physical hazard classes**

| | |
|-----------------------------|------|
| Explosives | Void |
| Flammable gases | Void |
| Aerosols | Void |
| Oxidising gases | Void |
| Gases under pressure | Void |

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| | |
|--|-------------|
| <i>Flammable liquids</i> | <i>Void</i> |
| <i>Flammable solids</i> | <i>Void</i> |
| <i>Self-reactive substances and mixtures</i> | <i>Void</i> |
| <i>Pyrophoric liquids</i> | <i>Void</i> |
| <i>Pyrophoric solids</i> | <i>Void</i> |
| <i>Self-heating substances and mixtures</i> | <i>Void</i> |
| <i>Substances and mixtures, which emit flammable gases in contact with water</i> | <i>Void</i> |
| <i>Oxidising liquids</i> | <i>Void</i> |
| <i>Oxidising solids</i> | <i>Void</i> |
| <i>Organic peroxides</i> | <i>Void</i> |
| <i>Corrosive to metals</i> | <i>Void</i> |
| <i>Desensitised explosives</i> | <i>Void</i> |

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

Avoid high temperatures.

Avoid direct sunlight.

10.5 Incompatible materials:

Strong acids.

Strong bases.

10.6 Hazardous decomposition products:

Thermal decomposition products may include:

Carbon monoxide and carbon dioxide

Nitrogen oxides (NO_x)

Sulphur oxides (SO_x)

Chlorine

SECTION 11: Toxicological information

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

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

LD/LC50 values that are relevant for classification:

| | | |
|-------------------|-------------------|--|
| <i>Oral</i> | <i>LD50</i> | <i>>5,000 mg/kg</i> |
| <i>Dermal</i> | <i>LD50</i> | <i>>2,000 mg/kg</i> |
| <i>Inhalative</i> | <i>LC50 (4 h)</i> | <i>>5 mg/L</i> <i>Dust/mists</i> |

CAS: 64742-94-5 Hydrocarbons C10 aromatics <1% naphtalene

| | | |
|-------------------|-------------------|---------------------------------|
| <i>Oral</i> | <i>LD50</i> | <i>>5,000 mg/kg (rat)</i> |
| <i>Dermal</i> | <i>LD50</i> | <i>>2,000 mg/kg (rabbit)</i> |
| <i>Inhalative</i> | <i>LC50 (4 h)</i> | <i>>4,688 mg/L (rat)</i> |

CAS: 99129-21-2 clethodim

| | | |
|-------------------|-------------------|---|
| <i>Oral</i> | <i>LD50</i> | <i>1,133 mg/kg (rat)</i> |
| <i>Dermal</i> | <i>LD50</i> | <i>>2,000 mg/kg (rat)</i> |
| <i>Inhalative</i> | <i>LC50 (4 h)</i> | <i>mg/L (rat) (whole body)</i> <i>>3.25 mg/L - maximum attainable concentration</i> |

CAS: 104-76-7 2-Ethyl-1-hexanol

| | | |
|-------------|-------------|--------------------------|
| <i>Oral</i> | <i>LD50</i> | <i>2,049 mg/kg (rat)</i> |
|-------------|-------------|--------------------------|

NOEL (no observable effect level)

CAS: 64742-94-5 Hydrocarbons C10 aromatics <1% naphtalene

| | | |
|--|-------------|--|
| | <i>NOEL</i> | <i>2.5 mg/kg bw/d (algae Pseudokirchneriella subcapitata) (72 h)</i> |
|--|-------------|--|

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CAS: 99129-21-2 clethodim

| | | |
|--------|-------------|-----------------------------|
| Oral | NOAEL | 21 mg/kg bw/d (dog) (1 y) |
| | | 24 mg/kg bw/d (mice) (18 m) |
| | | 83 mg/kg bw/d (rat) (4 wk) |
| | NOAEL (2y) | 16 mg/kg bw/d (rat) |
| | NOAEL (90d) | 25 mg/kg bw/day (rat) |
| Dermal | NOAEL | 83 mg/kg bw/d (rat) (4 wk) |

Skin corrosion/irritation Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation**

May cause an allergic skin reaction.

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**

May cause drowsiness or dizziness.

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

May be fatal if swallowed and enters airways.

Other information: For symptoms and effects see section 4.**Additional toxicological information:****Acute effects (acute toxicity, irritation and corrosivity)** No further information available.**CMR effects (cancerogenity, mutagenicity and toxicity for reproduction)** No relevant information available.**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity:**

| | |
|-------------|--|
| EC50 (48h) | 29 mg/L (Daphnia magna) |
| EbC50 (72h) | mg/L (rat) |
| ErC50 (72h) | 16.07 mg/L (algae Pseudokirchneriella subcapitata) |
| ErC50 (7d) | 55.04 mg/L (Lemna minor) |

CAS: 64742-94-5 Hydrocarbons C10 aromatics <1% naphthalene

| | |
|------------|--|
| EC50 (72h) | 11 mg/L (algae Pseudokirchneriella subcapitata) |
| LC50 (96h) | ≥2-≤5 mg/L (rainbow trout (oncorhynchus mykiss)) |
| EC50 (48h) | ≥3-≤10 mg/L (Daphnia magna) |

CAS: 99129-21-2 clethodim

| | |
|-------------|--|
| EC50 (72h) | >12 mg/L (algae selenastrum capricornutum) |
| LC50 (96h) | 25 mg/L (Salmo gairdneri) |
| EC50 (48h) | >100 mg/L (Daphnia magna) |
| ErC50 (14d) | 1.9 mg/L (lemna gibba) (NOEC) |
| NOEC | 3.9 mg/L (rainbow trout (oncorhynchus mykiss)) |

Environmental toxicity

| | | |
|--------|-------|--|
| Oral | EC 50 | 923.87 mg/kg (earthworms, Eisenia foetida) |
| | LD 50 | >100 µg/bee (bee (Apis mellifera)) |
| Dermal | LD 50 | >100 µg/bee (bee (Apis mellifera)) |

CAS: 99129-21-2 clethodim

| | | |
|------|-------|--|
| Oral | LD 50 | >1,640 mg/kg bw (bobwhite quail) |
| | EC 50 | >1,000 mg/kg (earthworms, Eisenia foetida) (Clethodim suphoxide) |

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12.2 Persistence and degradability**CAS: 64742-94-5 Hydrocarbons C10 aromatics <1% naphthalene**Biodegradation 50 % (28 d)
Water**CAS: 104-76-7 2-Ethyl-1-hexanol**

Biodegradation >95 % (5 d - OECD 302B)

12.3 Bioaccumulative potential

Octanol / Water partition coefficient 4.14 (pH 7)

BCF - Bioconcentration factor 2.1

CAS: 104-76-7 2-Ethyl-1-hexanol

Octanol / Water partition coefficient 3.1 (valore misurato)

BCF - Bioconcentration factor 100-3,000

12.4 Mobility in soil

Koc 4 ml/g (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** For information on endocrine disrupting properties see section 11.**12.7 Other adverse effects** No further relevant information available.**Remark:****DT 50 (active ingredient)**

DT 50 3.04 days (soil)

Not persistent

300-499 days (water) (pH 7)

Additional ecological information:**General notes:** Do not allow product to reach ground water, water bodies or sewage system.**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Disposal according to national regulations.

Recommendation

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.**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. (Hydrocarbons C10 aromatics <1% naphthalene)

IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons C10 aromatics <1% naphthalene), MARINE POLLUTANT

IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons C10 aromatics <1% naphthalene)

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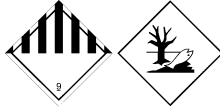
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14.3 Transport hazard class(es)

ADR/RID/ADN



Class 9 (M6) Miscellaneous dangerous substances and articles.
Label 9

IMDG, IATA



Class 9 Miscellaneous dangerous substances and articles.
Label 9

14.4 Packing group

ADR/RID/ADN, IMDG, IATA III

14.5 Environmental hazards:**Marine pollutant:****Special marking (ADR/RID/ADN):****Special marking (IATA):**

Product contains environmentally hazardous substances:
 Hydrocarbons C10 aromatics <1% naphthalene
 Symbol (fish and tree)
 Symbol (fish and tree)
 Symbol (fish and tree)

14.6 Special precautions for user**Kemler Number:****EMS Number:****Stowage Category**

Warning: Miscellaneous dangerous substances and articles.
 90
 F-A,S-F
 A

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Transport/Additional information:

ADR/RID/ADN

Limited quantities (LQ)**Excepted quantities (EQ)****Transport category****Remarks:**

5L
 Code: E1
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 1000 ml
 3
 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)**Excepted quantities (EQ)****Remarks:**

5L
 Code: E1
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 1000 ml
 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. (HYDROCARBONS C10 AROMATICS <1% NAPHTALENE), 9, III

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SECTION 15: Regulatory information

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

Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) no. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/521 (ATP 12 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 1107/2009
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 CLP)

Directive 2012/18/EU

Named dangerous substances - ANNEX I Not applicable

Seveso category E2 Hazardous to the Aquatic Environment

Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

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.

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/

A list of European Poison Centres is available on http://ec.europa.eu/growth/sectors/chemicals/poison-centres/index_en.htm

Classification according to Regulation (EC) No 1272/2008 Classification according to calculation method

Contact:

Product safety department

SIPCAM OXON

H statements of components:

H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

Abbreviations and acronyms:

EC 50: Effective concentration, 50 percent

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

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Safety data sheet
according to 1907/2006/EC, Article 31

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*vPvB: very Persistent and very Bioaccumulative**Acute Tox. 4: Acute toxicity – Category 4**Skin Sens. 1: Skin sensitisation – Category 1**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3**Asp. Tox. 1: Aspiration hazard – Category 1**Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3***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.

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