

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

---

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

#### 1.1 Product identifier

Trade name : K-OTHRINE SC7,5

Product code : Article/SKU: 79657021 UVP: 06537138 Specification: 102000012401

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

Use of the Sub-stance/Mixture : Insecticide

Recommended restrictions on use : Not applicable

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

Company : 2022 Environmental Science CER RO S.R.L.  
Piața Charles de Gaulle nr. 15  
Charles de Gaulle Plaza, etaj 3  
Biroul 303, Sector 1  
0011857 București, România

Telephone : +33 451 081 508

E-mail address of person responsible for the SDS : service.clients.es.france@envu.com

#### 1.4 Emergency telephone number

112  
+40 21 318 36 06  
+40 376 300 026

---

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Short-term (acute) aquatic hazard, Category 1 H400: Very toxic to aquatic life.

Long-term (chronic) aquatic hazard, Category 1 H410: Very toxic to aquatic life with long lasting effects.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**

P273 Avoid release to the environment.

**Response:**

P391 Collect spillage.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

#### Additional Labelling

EUH208 Contains 1,2-Benzisothiazol-3(2H)-one, Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). 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

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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

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

Cutaneous sensations may occur, such as burning or stinging on the face and mucosae. However, these sensations cause no lesions and are of a transitory nature (max. 24 hours).

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Suspension concentrate (=flowable concentrate)(SC)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version 3.0      Revision Date: 08.09.2023      SDS Number: 11187400-00003      Date of last issue: 31.07.2023  
Date of first issue: 29.03.2023

### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Deltamethrin	52918-63-5 258-256-6 607-319-00-X	Acute Tox. 3; H301 Acute Tox. 3; H331 Aquatic Acute 1; H400 Aquatic Chronic 1; H410  M-Factor (Acute aquatic toxicity): 1.000.000 M-Factor (Chronic aquatic toxicity): 1.000.000  Acute toxicity esti- mate  Acute oral toxicity: 87 mg/kg	$\geq 0,25 - < 1$
1,2-Benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411  M-Factor (Acute aquatic toxicity): 1  specific concentration limit Skin Sens. 1A; H317 $\geq 0,05$ %  Acute toxicity esti- mate  Acute oral toxicity: 454 mg/kg	$\geq 0,025 - < 0,05$
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-	55965-84-9 613-167-00-5	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314	$\geq 0,0002 - < 0,0015$

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version 3.0      Revision Date: 08.09.2023      SDS Number: 11187400-00003      Date of last issue: 31.07.2023  
Date of first issue: 29.03.2023

6] (3:1)		<p>Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071</p> <hr/> <p>M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100</p> <hr/> <p>specific concentration limit Skin Corr. 1C; H314 ≥ 0,6 % Skin Irrit. 2; H315 0,06 - &lt; 0,6 % Eye Irrit. 2; H319 0,06 - &lt; 0,6 % Skin Sens. 1A; H317 ≥ 0,0015 % Eye Dam. 1; H318 ≥ 0,6 % EUH071 ≥ 0,6 %</p> <hr/> <p>Acute toxicity esti- mate</p> <p>Acute oral toxicity: 64 mg/kg Acute inhalation tox- icity (dust/mist): 0,171 mg/l Acute dermal toxicity: 87,12 mg/kg</p>	
----------	--	--	--

For explanation of abbreviations see section 16.

### Alternative CAS Numbers for some regions

Chemical name	Alternative CAS Number(s)
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	2682-20-4, 26172-55-4

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- |                            |   |   |
|----------------------------|---|---|
| Protection of first-aiders | : | No special precautions are necessary for first aid responders.  |
| If inhaled                 | : | If inhaled, remove to fresh air.<br>Get medical attention if symptoms occur.  |
| In case of skin contact    | : | Wash with water and soap as a precaution.<br>Get medical attention if symptoms occur.                                   |
| In case of eye contact     | : | Flush eyes with water as a precaution.<br>Get medical attention if irritation develops and persists.                    |
| If swallowed               | : | If swallowed, DO NOT induce vomiting.<br>Get medical attention if symptoms occur.<br>Rinse mouth thoroughly with water. |

#### 4.2 Most important symptoms and effects, both acute and delayed

- |          |   |  |
|----------|---|--|
| Symptoms | : | Skin and eye paraesthesia which may be severe<br>Usually transient with resolution within 24 hours<br>The product causes irritation of eyes, skin and mucous membranes.<br>Cough<br>sneezing<br>chest pain<br>tachycardia<br>muscle weakness<br>Nausea<br>Abdominal pain<br>Diarrhoea<br>Vomiting<br>Blurred vision<br>Headache<br>anorexia<br>Drowsiness<br>Coma<br>Convulsions<br>Tremors<br>Prostration<br>Airway hyperreaction<br>Pulmonary oedema<br>Palpitation<br>muscle twitching<br>lethargy<br>Vertigo |
| Risks    | : | This product contains a pyrethroid.<br>Pyrethroid poisoning should not be confused with carbamate or organophosphate poisoning.  |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

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

Treatment : Initial treatment: symptomatic.  
Monitor: respiratory and cardiac functions.  
In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable.  
Keep respiratory tract clear.  
Artificial respiration and/or oxygen may be necessary.  
In case of convulsions, a benzodiazepine (e.g. diazepam) should be given according to standard regimens.  
If not effective, phenobarbital may be used.  
Contraindication: atropine.  
Contraindication: derivatives of adrenaline.  
There is no specific antidote available.  
Recovery is spontaneous and without sequelae.  
In case of skin irritation, application of oils or lotions containing vitamin E may be considered.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during fire-fighting : Exposure to combustion products may be a hazard to health.

Hazardous combustion products : Carbon oxides

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).

#### 6.2 Environmental precautions

Environmental precautions : Avoid release to the environment.  
Prevent further leakage or spillage if safe to do so.  
Prevent spreading over a wide area (e.g. by containment or oil barriers).  
Retain and dispose of contaminated wash water.  
Local authorities should be advised if significant spillages cannot be contained.

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material.  
For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.  
Clean up remaining materials from spill with suitable absorbent.  
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.  
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

#### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Local/Total ventilation : Use only with adequate ventilation.

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment  
Take care to prevent spills, waste and minimize release to the environment.

Hygiene measures : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contami-

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

nated clothing before re-use.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep in properly labelled containers. Store in accordance with the particular national regulations.

Advice on common storage : Do not store with the following product types:  
Strong oxidizing agents  
Gases

### 7.3 Specific end use(s)

Specific use(s) : Refer to the label and/or leaflet.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
Propylene glycol	Workers	Inhalation	Long-term local effects	10 mg/m3
	Workers	Inhalation	Long-term systemic effects	168 mg/m3
	Consumers	Inhalation	Long-term local effects	10 mg/m3
	Consumers	Inhalation	Long-term systemic effects	50 mg/m3
1,2-Benzisothiazol-3(2H)-one	Workers	Inhalation	Long-term systemic effects	6,81 mg/m3
	Workers	Skin contact	Long-term systemic effects	0,966 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	1,2 mg/m3
	Consumers	Skin contact	Long-term systemic effects	0,345 mg/kg bw/day

#### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Propylene glycol	Fresh water	260 mg/l
	Freshwater - intermittent	183 mg/l
	Marine water	26 mg/l
	Sewage treatment plant	20000 mg/l
	Fresh water sediment	572 mg/kg dry weight (d.w.)
	Marine sediment	57,2 mg/kg dry weight (d.w.)



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version 3.0      Revision Date: 08.09.2023      SDS Number: 11187400-00003      Date of last issue: 31.07.2023  
Date of first issue: 29.03.2023

	Soil	50 mg/kg dry weight (d.w.)
Deltamethrin	Fresh water	0,0007 µg/l
	Fresh water sediment	0,0062 mg/kg dry weight (d.w.)
	Sewage treatment plant	30 µg/l
1,2-Benzisothiazol-3(2H)-one	Fresh water	11 µg/l
	Intermittent use/release	0,403 µg/l
	Marine water	1,1 µg/l
	Intermittent use/release	0,0403 µg/l
	Sewage treatment plant	1,03 mg/l
	Fresh water sediment	0,0499 mg/kg dry weight (d.w.)
	Marine sediment	0,00499 mg/kg dry weight (d.w.)
	Soil	3 mg/kg dry weight (d.w.)

### 8.2 Exposure controls

#### Engineering measures

Ensure adequate ventilation, especially in confined areas.  
Minimize workplace exposure concentrations.

#### Personal protective equipment

Eye/face protection : Wear the following personal protective equipment:  
Safety glasses  
Equipment should conform to SR EN 166

#### Hand protection

Material : Nitrile rubber  
Break through time : > 480 min  
Glove thickness : > 0,4 mm  
Directive : Equipment should conform to SR EN 374

Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Skin and body protection : Skin should be washed after contact.

Respiratory protection : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

Equipment should conform to SR EN 143

Filter type : Particulates type (P)

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Physical state : suspension

Colour : white, light beige

Odour : No data available

Odour Threshold : No data available

Melting point/freezing point : No data available

Initial boiling point and boiling range : No data available

Flammability (solid, gas) : Not applicable

Flammability (liquids) : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point : boils before flash

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : 3,0 - 7,0 (23 °C)  
Concentration: 100 %

Viscosity

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version 3.0	Revision Date: 08.09.2023	SDS Number: 11187400-00003	Date of last issue: 31.07.2023 Date of first issue: 29.03.2023
----------------	------------------------------	-------------------------------	---

Viscosity, kinematic : No data available

Solubility(ies)  
Water solubility : completely miscible

Partition coefficient: n-  
octanol/water : Not applicable

Vapour pressure : No data available

Density : 1,03 g/cm<sup>3</sup> (20,00 °C)

Relative vapour density : No data available

Particle characteristics  
Particle size : Not applicable

### 9.2 Other information

Explosives : Not explosive  
Method: OECD Test Guideline 113

Oxidizing properties : The substance or mixture is not classified as oxidizing.

Self-ignition : > 495,00 °C

Evaporation rate : No data available

Surface tension : 32 mN/m, 25,00 °C

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Not classified as a reactivity hazard.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Can react with strong oxidizing agents.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

---

### 10.4 Conditions to avoid

Conditions to avoid : None known.

### 10.5 Incompatible materials

Materials to avoid : Oxidizing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

---

## SECTION 11: Toxicological information

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

Information on likely routes of exposure :  
Inhalation  
Skin contact  
Ingestion  
Eye contact

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity : LD50 (Rat): 15.000 mg/kg  
Remarks: Based on data from similar materials

Acute inhalation toxicity : Acute toxicity estimate: > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method

Acute dermal toxicity : LD50 (Rat): > 10.000 mg/kg  
Remarks: Based on data from similar materials

#### Components:

##### **Deltamethrin:**

Acute oral toxicity : LD50 (Rat, female): 87 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 0,6 mg/l  
Exposure time: 6 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): > 2.000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

### **1,2-Benzisothiazol-3(2H)-one:**

Acute oral toxicity : LD50 (Rat): 454 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):

Acute oral toxicity : LD50 (Rat): 64 mg/kg

Acute inhalation toxicity : LC50 (Rat): 0,171 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: Corrosive to the respiratory tract.

Acute dermal toxicity : LD50 (Rabbit): 87,12 mg/kg

### **Skin corrosion/irritation**

Not classified based on available information.

### **Product:**

Species : Rabbit  
Result : No skin irritation  
Remarks : Based on data from similar materials

### **Components:**

#### **Deltamethrin:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

### **1,2-Benzisothiazol-3(2H)-one:**

Result : Skin irritation

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : Corrosive after 1 to 4 hours of exposure

### **Serious eye damage/eye irritation**

Not classified based on available information.

### **Product:**

Species : Rabbit

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

---

Result : No eye irritation  
Remarks : Based on data from similar materials

### Components:

#### **Deltamethrin:**

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : No eye irritation

#### **1,2-Benzisothiazol-3(2H)-one:**

Species : Rabbit  
Result : Irreversible effects on the eye

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):

Result : Irreversible effects on the eye  
Remarks : Based on skin corrosivity.

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

### Product:

Test Type : Local lymph node assay (LLNA)  
Exposure routes : Skin contact  
Species : Mouse  
Method : OECD Test Guideline 429  
Result : negative

### Components:

#### **Deltamethrin:**

Test Type : Buehler Test  
Exposure routes : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : negative

#### **1,2-Benzisothiazol-3(2H)-one:**

Test Type : Maximisation Test  
Exposure routes : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : positive

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

Assessment : Probability or evidence of high skin sensitisation rate in humans

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):

Test Type	: Buehler Test
Exposure routes	: Skin contact
Species	: Guinea pig
Result	: positive

Assessment : Probability or evidence of high skin sensitisation rate in humans

### Germ cell mutagenicity

Not classified based on available information.

### Components:

#### **Deltamethrin:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 473  
Result: negative

Test Type: DNA damage and repair, unscheduled DNA synthesis in mammalian cells (in vitro)  
Method: OECD Test Guideline 482  
Result: negative

#### **1,2-Benzisothiazol-3(2H)-one:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Method: OECD Test Guideline 471  
Result: negative

Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative

Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: positive

Genotoxicity in vivo : Test Type: Unscheduled DNA synthesis (UDS) test with mammalian liver cells in vivo  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 486  
Result: negative

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

---

### **Carcinogenicity**

Not classified based on available information.

### **Components:**

#### **Deltamethrin:**

Species	:	Rat
Application Route	:	Ingestion
Method	:	OECD Test Guideline 453
Result	:	negative

### **Reproductive toxicity**

Not classified based on available information.

### **Components:**

#### **Deltamethrin:**

Effects on fertility	:	Test Type: Two-generation reproduction toxicity study Species: Rat Application Route: Ingestion Method: OECD Test Guideline 416 Result: negative
----------------------	---	--

Effects on foetal development	:	Test Type: Embryo-foetal development Species: Rabbit Application Route: Ingestion Method: OECD Test Guideline 414 Result: negative
-------------------------------	---	--

#### **1,2-Benzisothiazol-3(2H)-one:**

Effects on fertility	:	Test Type: Fertility/early embryonic development Species: Rat Application Route: Ingestion Method: OPPTS 870.3800 Result: negative
----------------------	---	--

### **STOT - single exposure**

Not classified based on available information.

### **STOT - repeated exposure**

Not classified based on available information.

### **Components:**

#### **Deltamethrin:**

Assessment	:	No significant health effects observed in animals at concentrations of 100 mg/kg bw or less.
------------	---	--

#### **1,2-Benzisothiazol-3(2H)-one:**

Assessment	:	No significant health effects observed in animals at concentrations of 100 mg/kg bw or less.
------------	---	--



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

---

### Repeated dose toxicity

#### Components:

##### **Deltamethrin:**

Species	:	Dog
NOAEL	:	1 mg/kg
LOAEL	:	10 mg/kg
Application Route	:	Ingestion
Exposure time	:	52 Weeks
Method	:	OECD Test Guideline 452

##### **1,2-Benzisothiazol-3(2H)-one:**

Species	:	Dog
NOAEL	:	5 mg/kg
LOAEL	:	20 mg/kg
Application Route	:	Ingestion
Exposure time	:	90 Days
Method	:	Directive 67/548/EEC, Annex, B.27

### Aspiration toxicity

Not classified based on available information.

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### Product:

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

---

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 0,00015 mg/l Exposure time: 96 h Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0,0131 µg/l Exposure time: 48 h Remarks: Based on data from similar materials
Toxicity to algae/aquatic plants	:	EC50 : > 9,10 mg/l Exposure time: 96 h

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

Remarks: Based on data from similar materials

### Components:

#### **Deltamethrin:**

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 0,15 µg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Gammarus fasciatus (freshwater shrimp)): 0,0003 µg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	:	ErC50 (Chlorella vulgaris (Fresh water algae)): > 0,47 mg/l Exposure time: 96 h
M-Factor (Acute aquatic toxicity)	:	1.000.000
Toxicity to microorganisms	:	EC50 (activated sludge): > 0,3 mg/l Exposure time: 3 h
Toxicity to fish (Chronic toxicity)	:	NOEC: 0,017 µg/l Exposure time: 260 d Species: Pimephales promelas (fathead minnow)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC: 0,0041 µg/l Exposure time: 21 d Species: Daphnia magna (Water flea)
M-Factor (Chronic aquatic toxicity)	:	1.000.000

### **Ecotoxicology Assessment**

Chronic aquatic toxicity	:	M-factor: 1000000 Remarks: Based on national or regional regulation.
--------------------------	---	---

#### **1,2-Benzisothiazol-3(2H)-one:**

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 1,6 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 2,9 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	ErC50 (Pseudokirchneriella subcapitata (green algae)): 110 µg/l Exposure time: 72 h Method: OECD Test Guideline 201  NOEC (Pseudokirchneriella subcapitata (green algae)): 40,4 µg/l Exposure time: 72 h

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

Method: OECD Test Guideline 201

M-Factor (Acute aquatic toxicity) : 1

Toxicity to microorganisms : NOEC : 10,3 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 0,19 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,16 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : ErC50 (Skeletonema costatum (marine diatom)): 0,0052 mg/l  
Exposure time: 48 h

NOEC (Skeletonema costatum (marine diatom)): 0,00049 mg/l  
Exposure time: 48 h

M-Factor (Acute aquatic toxicity) : 100

Toxicity to fish (Chronic toxicity) : NOEC: 0,02 mg/l  
Exposure time: 36 d  
Species: Pimephales promelas (fathead minnow)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,10 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)

M-Factor (Chronic aquatic toxicity) : 100

### 12.2 Persistence and degradability

#### Components:

##### **Deltamethrin:**

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: 0 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

##### **1,2-Benzisothiazol-3(2H)-one:**

Biodegradability : Result: rapidly degradable

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: 62 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B

### 12.3 Bioaccumulative potential

#### Components:

##### **Deltamethrin:**

Bioaccumulation : Species: *Lepomis macrochirus* (Bluegill sunfish)  
Bioconcentration factor (BCF): 1.400

Partition coefficient: n-octanol/water : log Pow: 6,4

##### **1,2-Benzisothiazol-3(2H)-one:**

Bioaccumulation : Species: *Lepomis macrochirus* (Bluegill sunfish)  
Bioconcentration factor (BCF): 6,62

Partition coefficient: n-octanol/water : log Pow: 0,7

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):

Partition coefficient: n-octanol/water : log Pow: < 1

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

#### Product:

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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

### 12.7 Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- |                        |  |
|------------------------|--|
| Product                | : It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow container label instructions and applicable local guidelines.<br>According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.<br>Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.<br>Do not dispose of waste into sewer. |
| Contaminated packaging | : Follow advice on product label and/or leaflet.<br>Empty containers retain residue and can be dangerous.<br>Do not re-use empty containers.   |
| Waste Code             | : The following Waste Codes are only suggestions:<br><br>used product<br>20 01 19, pesticides<br><br>unused product<br>20 01 19, pesticides<br><br>uncleaned packagings<br>15 01 10, packaging containing residues of or contaminated by hazardous substances  |

## SECTION 14: Transport information

### 14.1 UN number or ID number

- |      |           |
|------|-----------|
| ADN  | : UN 3082 |
| ADR  | : UN 3082 |
| RID  | : UN 3082 |
| IMDG | : UN 3082 |
| IATA | : UN 3082 |

### 14.2 UN proper shipping name

- |     |   |
|-----|---|
| ADN | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(Deltamethrin) |
| ADR | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.                   |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

**RID** : (Deltamethrin)  
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.  
(Deltamethrin)

**IMDG** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.  
(Deltamethrin, Reaction mass of: 5-chloro-2-methyl-4-  
isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-  
isothiazol-3-one [EC no. 220-239-6] (3:1)

**IATA** : Environmentally hazardous substance, liquid, n.o.s.  
(Deltamethrin)

### 14.3 Transport hazard class(es)

	Class	Subsidiary risks
<b>ADN</b>	: 9	
<b>ADR</b>	: 9	
<b>RID</b>	: 9	
<b>IMDG</b>	: 9	
<b>IATA</b>	: 9	

### 14.4 Packing group

**ADN**  
Packing group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9

**ADR**  
Packing group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9  
Tunnel restriction code : (-)

**RID**  
Packing group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9

**IMDG**  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 964  
Packing instruction (LQ) : Y964  
Packing group : III

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

Labels : Miscellaneous

### IATA (Passenger)

Packing instruction (passenger aircraft) : 964

Packing instruction (LQ) : Y964

Packing group : III

Labels : Miscellaneous

### 14.5 Environmental hazards

#### ADN

Environmentally hazardous : yes

#### ADR

Environmentally hazardous : yes

#### RID

Environmentally hazardous : yes

#### IMDG

Marine pollutant : yes

### IATA (Passenger)

Environmentally hazardous : yes

### IATA (Cargo)

Environmentally hazardous : yes

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Remarks : Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 75, 3

If you intend to use this product as tattoo ink, please contact your vendor.

Substance(s) or mixture(s) are listed here according to their appearance in the regulation, irrespective of their use/purpose or the conditions of the restriction. Please refer to the condi-

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

		tions in corresponding Regulation to determine whether an entry is applicable to the placing on the market or not.
	REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	: Not applicable
	Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	: Not applicable
	Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	: Not applicable
	Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	: Not applicable
	REACH - List of substances subject to authorisation (Annex XIV)	: Not applicable
	Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products	
	Product Type	: Insecticides, acaricides and products to control other arthropods
	Active substance	: 7,5 g/l Deltamethrin

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

		Quantity 1	Quantity 2
E1	ENVIRONMENTAL HAZARDS	100 t	200 t

### Other regulations:

Law 249/2015 on packaging and packaging waste

Law no. 319/2006 safety and health law

GD nr.1218/2006 (amendments) establishing minimum health and safety requirements in the work to ensure the protection of workers from risks related to chemical agents

Emergency Ordinance No. 92/2021 on the waste regime

GD 427/2010 for the amendment and completion of GD no. 128/2002 regarding waste incineration.

HG 1061/2008 regarding the transport of hazardous and non-hazardous waste on the territory of Romania.

GD 268/2005 for the amendment and completion of GD no. 128/2002 regarding waste incineration.

GD 349/2005 regarding waste storage

OMAPM no. 756/2004 for the approval of the technical regulations regarding waste incineration;

HG 856/ 2002 regarding waste management records and for approval of the list including waste, including hazardous waste.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

GD 128/2002 on waste incineration, amended and supplemented by GD 268/2005.  
Regulation (EC) no. 1107/2009 regarding the introduction of phytosanitary products on the market and applied by Regulation (EU) no. 545/2011.  
Regulation (EU) no. 283/2013 establishing the data requirements applicable to active substances.  
HG 1408/2008 regarding the classification, packaging and labeling of dangerous substances.  
GD 937/2010 regarding the classification, packaging and labeling of dangerous preparations.  
GD 398/2010 regarding the application of Regulation (EC) 1272/2008.  
Law no. 349/2007 regarding the management of chemical substances modified by Law no. 249/2011 and by GEO No. 60/2013.  
Decision no. 437/2005 regarding the approval of the List of active substances authorized in the territory of Romania, with all subsequent amendments and additions.  
Ordinance no. 41/2007 for the marketing of plant protection products.  
Law no. 360/2003 regarding the regime of dangerous chemical substances and preparations, supplemented by Law no. 263/2005 and Law no. 254/2011.  
HG 1093/2006 regarding the establishment of the minimum security and health requirements for the protection of workers.  
HG 477/2009 regarding the establishment of applicable sanctions for violating the provisions of the Regulation (EC) no. 1907/2006.  
O.U.G. 122/2010 regarding the establishment of applicable sanctions for violating the provisions of the Regulation (EC) no. 1272/2008.

### 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

Other information : Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

### Full text of H-Statements

H301	: Toxic if swallowed.
H302	: Harmful if swallowed.
H310	: Fatal in contact with skin.
H314	: Causes severe skin burns and eye damage.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H330	: Fatal if inhaled.
H331	: Toxic if inhaled.
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.
EUH071	: Corrosive to the respiratory tract.

### Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Dam.	: Serious eye damage
Skin Corr.	: Skin corrosion

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

Sources of key data used to compile the Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

### Classification of the mixture:

Aquatic Acute 1	H400
Aquatic Chronic 1	H410

### Classification procedure:

Based on product data or assessment
Calculation method

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



## K-OTHRINE SC7,5

Version	Revision Date:	SDS Number:	Date of last issue: 31.07.2023
3.0	08.09.2023	11187400-00003	Date of first issue: 29.03.2023

---

to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

RO / EN