

Safety data sheet

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

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

1.1 Product identifier

Trade name: *MOST MICRO***kind of formulation:** *Capsule suspension (CS)***Article number:** *Not applicable***Registration number REACH:** *Not applicable.***UFI:** *15YY-GT82-530U-1VM0*

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

Relevant use: *Agriculture.**Herbicide**Agrochemicals formulation.***Product category PC27:** *Plant protection products*

Application of the substance / the mixture

*Plant protection product**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, 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**E-mail: 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**Refer to section 16 for Poison Centres.**CENTRE ANTIPOISONS BELGE/BELGISCH ANTIGIFCENTRUM/BELGISCHE GIFTNOTRUFZENTRALE**+32 070 245 245**<https://www.centreantipoisons.be/>*

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

*GHS08 health hazard**Repr. 2 H361d Suspected of damaging the unborn child.**GHS09 environment**Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.**GHS07**Skin Sens. 1 H317 May cause an allergic skin reaction.*

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

(Contd. on page 2)

UL

Safety data sheet

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

Trade name: **MOST MICRO**

(Contd. of page 1)

Hazard pictograms

GHS07 GHS08 GHS09

Signal word Warning**Hazard-determining components of labelling:**

1,2-benzisothiazol-3(2H)-one

Hazard statements

H317 May cause an allergic skin reaction.

H361d Suspected of damaging the unborn child.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

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

P263 Avoid contact during pregnancy and while nursing.

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

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P391 Collect spillage.

Additional information:

S1 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:** 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: 40487-42-1 EINECS: 254-938-2 Index number: 609-042-00-X	pendimethalin (ISO)	⚠ Repr. 2, H361d; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=10)	25-50%
CAS: 15245-12-2 EINECS: 239-289-5 Reg.nr.: 01-2119493947-16	Calcium Ammonium Nitrate	⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	≥3-≤10%
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	2.5-10%
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6 Reg.nr.: 01-2120761540-60-xxxx	1,2-benzisothiazol-3(2H)-one	⚠ Acute Tox. 2, H330; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317 ATE: LD50 oral: 450 mg/kg Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.036 %	≥0.036-<0.1%

Additional information

Factor M=1, unless otherwise stated.

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

UL
(Contd. on page 3)

Safety data sheet

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

Trade name: MOST MICRO

(Contd. of page 2)

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, until symptoms disappear, and then with ophthalmic decongestant solution; seek medical attention. Take immediately to hospital, in case of severe injuries.

After swallowing

Call a doctor immediately.

Rinse out mouth without swallowing, do not induce vomiting.

Information for doctor The symptoms may appear some hours after the intoxication.

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

CO₂, 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

Avoid full water jet.

None.

5.2 Special hazards arising from the substance or mixture

Can be released in case of fire:

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

5.3 Advice for firefighters

Protective equipment:

Do not inhale explosion gases or combustion gases.

Wear full protective suit.

Wear protective clothing conforming to European Standard EN 469.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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

Ensure adequate ventilation

Keep away from ignition sources

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

Wear protective clothing.

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, provide sufficient ventilation, control dust;

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;

In case of dust provide inhalation protection

Wear protective clothing, boots and glasses

(Contd. on page 4)

UL

Safety data sheet

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

Trade name: **MOST MICRO**

(Contd. of page 3)

6.2 Environmental precautions:

Do not allow to enter the ground/soil.
 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.

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:

The product is not flammable
 Keep ignition sources away - Do not smoke.

Handling

Avoid contact with the skin and vapour inhalation; do not eat, drink nor smoke while working.
 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 unopened original 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: 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: 15245-12-2 Calcium Ammonium Nitrate**

Oral	DNEL Short-term	10 mg/kg bw/day (consumers) Systemic effects
------	-----------------	---

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

Oral	DNEL Long-term	7.5 mg/kg bw/day (consumers) systemic effects
------	----------------	--

(Contd. on page 5)

UL

Safety data sheet

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

Trade name: **MOST MICRO**

(Contd. of page 4)

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

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

PNEC 18 mg/L (sewage treatment plant)

Additional information: The lists that were valid during the compilation were used as basis.**8.2 Exposure controls****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.

Pregnant women must strictly avoid inhalation or contact with the skin.

Do not eat, drink or smoke while working.

Breathing equipment:

Use protective mask (A2-P3 filter)

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

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**

Liquid

Colour:

Yellow

Odour:

Characteristic

Melting point/freezing point:

Not applicable

Boiling point or initial boiling point and boiling range

Not determined

Flammability

Not applicable because the product is liquid

(Contd. on page 6)

UL

Safety data sheet

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

Trade name: MOST MICRO

(Contd. of page 5)

Lower and upper explosion limit**Lower:**Not explosive
Method EU A.14**Upper:**Not explosive
Method EU A.14**Flash point:**not flammable
Method EU A.9**Auto-ignition temperature:**

> 430 °C (EU A.15)

Decomposition temperature:

Not determined.

pH at 20.7 °C

6.15 (CIPAC MT 75.3)

pH value**(1% in distilled water)**

8.05 (CIPAC MT 75.3)

pH (undiluted sample)**Viscosity:****Kinematic viscosity**

Not determined.

dynamic at 20 °C:

1438 mPas (20rpm; OECD 114)

Solubility**Water:**

Dispersible

Partition coefficient n-octanol/water (log value)

Not determined.

Vapour pressure:

Not determined.

Density and/or relative density**Density**

Not determined

Relative density at 20 °C

1.139 (OECD 109; EU A.3)

Vapour density

Not determined.

9.2 Other information**Appearance:****Form:**

Suspension

Important information on protection of health and environment, and on safety.**Self-inflammability:**

Not detected until 430 °C.

Method 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).

(Contd. on page 7)

UE

Safety data sheet

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

Trade name: **MOST MICRO**

(Contd. of page 6)

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:

Strong acids.

Strong bases.

10.6 Hazardous decomposition products:

Thermal decomposition products may include:

Carbon monoxide and carbon dioxide

Nitrogen oxides (NO_x)

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

LD/LC50 values that are relevant for classification:

Oral	LD50	>2,000 mg/kg (rat) (OECD 423)
------	------	-------------------------------

Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)
--------	------	-------------------------------

CAS: 40487-42-1 pendimethalin (ISO)

Oral	LD50	4,665 mg/kg (rat) (OECD 401)
------	------	------------------------------

Dermal	LD50	>5,000 mg/kg (rat) (OECD 402)
--------	------	-------------------------------

CAS: 15245-12-2 Calcium Ammonium Nitrate

Oral	LD50	500 mg/kg (rat) (OECD 423)
------	------	----------------------------

Dermal	LD50	2,000-5,000 mg/kg (rat) (OECD 402)
--------	------	------------------------------------

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)
------------	------------	------------------------------

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 irritant - in vivo study

CAS: 40487-42-1 pendimethalin (ISO)

Irritation of skin	Skin corrosion	(rabbit) (OECD 404)
--------------------	----------------	---------------------

not irritant

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

Irritation of skin	Skin corrosion	(rabbit) (OECD 404)
--------------------	----------------	---------------------

Not irritating

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 irritant - in vivo study

CAS: 40487-42-1 pendimethalin (ISO)

Irritation of eyes	Eye Irritation	(rabbit) (OECD 405)
--------------------	----------------	---------------------

not irritant

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

Irritation of eyes	Eye Irritation	(rabbit) (OECD 405)
--------------------	----------------	---------------------

Not irritating

Respiratory or skin sensitisation May cause an allergic skin reaction.

Sensitisation - Test

Sensitization	(guinea pig) (OECD 406)
---------------	-------------------------

Skin sensitizing (GPMT study)

(Contd. on page 8)

Safety data sheet

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

Trade name: **MOST MICRO**

(Contd. of page 7)

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** Suspected of damaging the unborn child.**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:** Sensitizer**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 Very toxic to aquatic life with long lasting effects.**Aquatic toxicity:**

EC50 (72h)	27.5 mg/L (algae <i>Pseudokirchneriella subcapitata</i>)
LC50 (96h)	141 mg/L (rainbow trout (<i>oncorhynchus mykiss</i>))
EC50 (48h)	>100 mg/L (<i>Daphnia magna</i>)
EC50 (7d)	>100 mg/L (<i>Lemna minor</i>)

CAS: 40487-42-1 pendimethalin (ISO)

EC50 (72h)	0.0337 mg/L (algae <i>selenastrum capricornutum</i>)
LC50 (96h)	0.89 mg/L (rainbow trout (<i>oncorhynchus mykiss</i>))
EC50 (48h)	0.4 mg/L (<i>Daphnia magna</i>)
EC50	0.005 mg/L (algae) (5 d - <i>Skeletonema costatum</i>)
NOEC	0.0145 mg/L (<i>Daphnia magna</i>) (21 d)
	0.05 mg/L (rainbow trout (<i>oncorhynchus mykiss</i>)) (21 d)

CAS: 15245-12-2 Calcium Ammonium Nitrate

EC50 (72h)	>100 mg/L (algae <i>Pseudokirchneriella subcapitata</i>) (OECD 201)
EC50 (48h)	>100 mg/L (<i>Daphnia magna</i>)
LC 50	447 mg/L (<i>Cyprinus carpio</i>) (48 h)

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>)

Environmental toxicity

Oral	LC50 (14d)	>1,000 mg/kg bw (earthworms, <i>Eisenia foetida</i>)
	LD 50	>2,000 mg/kg bw (Japanese quail, <i>Coturnix japonica</i>)
	LD 50	>101.2 µg/bee (bee (<i>Apis mellifera</i>))
Dermal	LD 50	>100 µg/bee (bee (<i>Apis mellifera</i>))

CAS: 40487-42-1 pendimethalin (ISO)

Oral	LD 50	1,421 mg/kg bw (<i>Anas platyrhynchos</i>)
	LD 50	49.8 µg/bee (bee (<i>Apis mellifera</i>))

(Contd. on page 9)

UL

Safety data sheet

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

Trade name: MOST MICRO

(Contd. of page 8)

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: 40487-42-1 pendimethalin (ISO)

Octanol / Water partition coefficient 5.18

BCF - Bioconcentration factor 5,100

12.4 Mobility in soil No further relevant information available.

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:
DT 50 (active ingredient)
CAS: 40487-42-1 pendimethalin (ISO)

DT 50 30-150 days (soil)

Additional ecological information:
General notes:

Danger to drinking water if even small quantities leak into soil.

Also poisonous for fish and plankton in water bodies.

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.

SECTION 14: Transport information

14.1 UN number or ID number

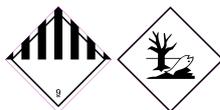
ADR/RID/ADN, IMDG, IATA UN3082

14.2 UN proper shipping name

ADR/RID/ADN IMDG IATA	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (pendimethalin (ISO)) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (pendimethalin (ISO), Aromatic hydrocarbons C10-C13, naphtalene <1%), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (pendimethalin (ISO))
--	---

14.3 Transport hazard class(es)

ADR/RID/ADN


Class

9 (M6) Miscellaneous dangerous substances and articles.

(Contd. on page 10)

UL

Safety data sheet

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

Trade name: **MOST MICRO**

(Contd. of page 9)

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:	Product contains environmentally hazardous substances: pendimethalin (ISO)
Marine pollutant:	Yes Symbol (fish and tree)
Special marking (ADR/RID/ADN):	Symbol (fish and tree)
Special marking (IATA):	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)	5 kg
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. (PENDIMETHALIN (ISO)), 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

(Contd. on page 11)

UL

Safety data sheet

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

Trade name: MOST MICRO

(Contd. of page 10)

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
 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.

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.

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

Product safety department

SIPCAM OXON msds@sipcam.comFor Poison Centres in Europe see: <https://poisoncentres.echa.europa.eu>**Date of previous version:** 24.10.2022**Version number of previous version:** 4**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

(Contd. on page 12)

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

print: 24.01.2025

rev n°: 5 (replaces version 4)

Revision date: 24.01.2025

Trade name: MOST MICRO

(Contd. of page 11)

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
ATE: Acute toxicity estimate values
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
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Repr. 2: Reproductive toxicity – Category 2
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.**

24.10.2022

UL