

SAFETY DATA SHEET (SDS)

TITLE: CLOFENTEZINE 500 SC

1.0 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Identifier

Identification on the label / Trade name : CIBA CLOFENTEZINE 500 SC
Common Name : Clofentezine 500 g/l SC
CAS No. : 74115-24-5
EC No. : 277-728-2
REACH registration No. : N/A

Relevant identified uses of the substance and uses advised against:

Agricultural Pesticide

Details of the Manufacturer / Supplier of the safety data sheet:

Supplier CIBA AGRIPHARMA SARL
78 Boulevard Haussmann
75008 Paris , France
Tel Tel: +33 6 51 39 90 00
E-mail administration@ciba- agripharma.com
Webpage www. ciba- agripharma.com

Emergency Phone Number (24 hours)

+33 6 51 39 90 00

2.0 HAZARDS IDENTIFICATION

2.1 Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the Aquatic

Environment - Chronic Hazard

Category 2 - (H411)

Classification according to Directive 67/548/EEC or 1999/45/EC

Full text of R-phrases: see section 16

R52-53

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word none

Hazard Statements

H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements

P102 - Keep out of reach of children

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

EU Specific Hazard Statements
comply with the instructions for use

EUH401 - To avoid risks to human health and the environment,

EUH208 - Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction

Additional phrases for PPP

SP1 - Do not contaminate water with the product or its container

2.3. Other hazards

No information available

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight-%	CAS No	EC No	Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Classification according to 67/548/EEC	M-Factor	REACH Registration Number
Clofentezine	41 - 45	74115-24-5	277-728-2	-	Aquatic Chronic 3 (H412)	R52-53		-

Full text of R-phrases: see section 16

Full text of H- and EUH-phrases: see section 16

4.0 FIRST AID MEASURES

4.1. Description of first aid measures

General advice In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). First aider: Pay attention to self-protection!.

Inhalation Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Consult a physician if necessary.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Ingestion Do NOT induce vomiting. Rinse mouth. Drink plenty of water. If symptoms persist, call a physician.

Self-protection of the first aider Use personal protective equipment as required.

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

Symptoms None known

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

Note to physicians Treat symptomatically

5.0 FIRE – FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

No information available.

5.2. Special hazards arising from the substance or mixture

No specific hazard known.

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus

In the event of fire and/or explosion do not breathe fumes

6.0 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Use only with adequate ventilation.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

7.0 HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling:

Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures:

Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Store locked up. Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

8.0 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Property	Values	Method	Remarks	Appearance	
Physical state	: suspension	Color	: dark red	Odor	: Slight
Odor threshold	: No data available				
pH	: 6.7 - 7.7	CIPAC MT 75	solution (1 %)		
°C	: ----		Melting point/freezing point	Not Applicable	
°C	: No data available				
Flash point °C	: > 120.5	EEC A.9			
Evaporation rate	: ----	No data available			
Flammability (solid, gas)	: Not applicable for liquids				
Upper/lower flammability or explosive limits:	No data available				
Vapor pressure kPa	: ----	Not Applicable			
Vapor density	: No data available				
Relative density	: 1.15 - 1.25	OECD 109			
Solubility(ies) mg/l	: ----				
Not Applicable					

10.0 STABILITY AND REACTIVITY

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11.0 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Oral LD50 mg/kg	: > 5000	Rat	OECD 423	
Dermal LD50 mg/kg	: > 5000	Rat	OECD 402	
Inhalation LC50 mg/l/4h	: ----			Not Applicable
Skin corrosion/irritation	: Non-irritating to the skin	Rabbit	OECD 404	
Serious eye damage/eye irritation	: Not irritating to eyes	Rabbit	OECD 405	
Respiratory/skin sensitization	: Not a skin sensitizer	Guinea pig	OECD 406; (M&K ****)	

Chronic toxicity

Germ cell mutagenicity

Chemical Name

Clofentezine : Not classified

Carcinogenicity

12.0 ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic toxicity

Acute toxicity	Values	Species	Method	Remarks
Fish 96-hour LC50 mg/l	: > 20	Oncorhynchus mykiss		

USA EPA, FIFRA E,
72-1

Crustacea 48-hour EC50 mg/l : > 200 Daphnia magna OECD 202

Algae 72-hour EC50 mg/l : > 80 Selenastrum capricornutum

OECD 201

Other plants EC50 mg/l : ---- Not Applicable

Terrestrial Toxicity
Birds Oral LD50 mg/kg

Chemical Name
Clofentezine : > 3000 Mallard duck US EPA 71-1

Bees Oral LD50 µg/bee

Chemical Name
Clofentezine : > 252.6 EPPO 170

12.2. Persistence and degradability

Abiotic Degradation	Values	Method	Remarks	Water DT50 days
Chemical Name Clofentezine	: 9.6			

Soil DT50 days
Chemical Name
Clofentezine

: 63.8

Biodegradation
Chemical Name
Clofentezine

: Not readily biodegradable

12.3. Bioaccumulative potential

Partition Coefficient
(n-octanol/water) Log Pow
Chemical Name

Values

Method

Remarks

13.0 DISPOSAL CONSIDERATIONS

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

14.0 TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / AND

IMDG/IMO

14.1 UN/ID No 3082

14.2 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3 Hazard Class 9

14.4 Packing Group III

14.5 Marine pollutant Yes

14.6 Special precautions for user

RID/ADR

14.1 UN/ID No 3082

14.2 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3 Hazard Class 9

14.4 Packing Group III

14.5 Environmental hazard Yes

14.6 Special precautions for user

ICAO/IATA

14.1 UN/ID No 3082

14.2 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3 Hazard Class 9

14.4 Packing Group III

14.5 Environmental hazard Yes

14.6 Special precautions for user

14.7 Transport in bulk according to Not Applicable

Annex II of MARPOL 73/78 and the

IBC Code



15.0 REGULATORY INFORMATION

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

15.2. Chemical safety assessment

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required. A risk assessment was performed according to directive (EC) No. 91/414 or according to regulation (EC) No. 1107/2009.

16.0 OTHER INFORMATION

Further Information

The information contained herein relates only to the specified material identified. CIBA AGRIPHARMA believes that such information is accurate and reliable as of the data of this material safety data sheet, but no



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