

## **CLAYTON PLANT PROTECTION**

**CLAYTON SPUTNIK** Safety Data Sheet according to Regulation (EU) No. 453/2010. Version 1/dsc 06/03/2015  
This version replaces all previous versions

### **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1. Product identifier Clayton Sputnik Synonyms Clofentezine 500 SC  
Pure substance/mixture : Mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against  
Recommended Use Acaricide Uses advised against No information available
- 1.3. Details of the supplier of the safety data sheet Supplier Address Clayton Plant Protection (UK) Ltd.,  
Bracetown Business Park, Clonee, Dublin15. Ireland. Tel: (00 353) 1 8210127  
www.cpp.ag Email: info@cpp.ag

### **SECTION 2: HAZARD IDENTIFICATION**

- 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP]  
Hazardous to the Aquatic Category 3 - (H412)  
Environment - Chronic Hazard 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 Clayton Sputnik-  
Labelling according to Regulation (EC) No. 1272/2008 [CLP]  
Hazard pictograms Signal word None  
Hazard statements H412 - Harmful 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 EUH401 - To avoid risks to human health and the environment, comply with the instructions or use.  
Additional phrases for PPP SP1 - Do not contaminate water with the product or its container.
- 2.3. Other hazards No information available

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### 3.2 Mixture

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.

### **SECTION 4: 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.

### **SECTION 5: FIREFIGHTING 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.

### **SECTION 6: 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. Other information See also SECTIONS 8 and 13.

### **SECTION 7: HANDLING AND STORAGE**

- 7.1. Precautions for safe handling Advice on safe handling Use only with adequate ventilation. General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.



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7.2. Conditions for safe storage, including any incompatibilities Storage conditions - Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s) Risk Management Methods (RMM) The information required is contained in this Material Safety Data Sheet.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1. Control parameters

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration No information available. (PNEC)

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment Eye/face protection Tight sealing safety goggles.

Body Protection Suitable protective clothing.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls No information available.

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1. Information on basic physical and chemical properties

Property	Values	Method	Remarks
Appearance Physical state	Suspension		
Colour	Dark red		
Odour	Slight		
Odour threshold	No data available		
pH	6.7 - 7.7	CIPAC MT 75	Solution (1 %)
Melting point/freezing point °C			Not applicable
Boiling point/boiling range °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		
Vapour pressure			Not applicable
Vapour density	No data available		
Relative density	1.15 - 1.25	OECD 109	
Solubility(ies)			Not applicable
Partition Coefficient (n-octanol/water) Log Pow			See SECTION 12 for more information
Autoignition temperature °C	334	EEC A.15	
Decomposition temperature °C	No data available		
Kinematic viscosity mm <sup>2</sup> /s 40 °C	83 - 555	OECD 114	
Explosive properties	Not an explosive	EEC A.14	
Oxidising properties	Not oxidising	EEC A.21	
Bulk density g/ml			Not applicable
Surface tension mN/m	54	EEC A.5	

9.2. Other information

### **SECTION 10: STABILITY AND REACTIVITY**

10.1. Reactivity Not available.

10.2. Chemical stability Stable under normal conditions.

10.3. Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid Heat, flames and sparks.

10.5. Incompatible materials No information available.

10.6. Hazardous decomposition products

### **SECTION 11: TOXICOLOGY INFORMATION**

11.1. Information on toxicological effects

Acute toxicity	Values	Species	Method	Remarks
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 sensitisation	Not a skin sensitiser	Guinea pig	OECD 406 (M&K test)	

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Chronic toxicity : Chemical name : Clofentezine

Germ cell mutagenicity	Carcinogenicity	Reproductive toxicity	SToT - single exposure	SToT - repeated exposure	Aspiration hazard
Not classified	Not Carcinogenic	Not classified	No data available	No data available	No data available

### SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity	Values	Species	Method	Remarks
Acute toxicity Aquatic toxicity				
Fish 96-hour LC50 mg/l	> 20	Rainbow trout	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 : Clofentezine	> 3000	Mallard duck	US EPA 71-1	
Bees oral LD50 µg/bee : Clofentezine	> 252.6		EPPO 170	

#### 12.2. Persistence and degradability

Abiotic Degradation	Values	Method	Remarks
Water DT50 days : clofentezine	9.6		
Soil DT50 days : clofentezine	63.8		
Biodegradation : clofentezine	Not readily biodegradable		

#### 12.3. Bioaccumulative potential

	Values	Method	Remarks
Partition Coefficient(n-octanol/water) Log Pow : clofentezine	3.1	OECD 107	20 ° C
Bioconcentration factor (BCF)	248		
12.4. Mobility in soil			
Adsorption/Desorption : Clofentezine	1064		Koc; Low mobility in soil
12.5. Results of PBT and vPvB assessment	The components in this formulation do not meet the criteria for classification as PBT or vPvB.		
12.6. other adverse effects	No information available.		

### SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods : Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations. Contaminated packaging : Improper disposal or reuse of this container may be dangerous and illegal. Other information: Waste codes should be assigned by the user based on the application for which the product was used.

### SECTION 14: TRANSPORTATION INFORMATION

14.1		UN/ID No	Not regulated
14.2	IMDG/IMO	Proper shipping name	Not regulated
14.3	RID/ADR	Hazard class	Not regulated
14.4		Packing group	Not regulated
14.5	ICAO/IATA	Marine pollutant	Not regulated
14.6		Special precautions for user	
14.7		Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not Applicable

### SECTION 15: 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.

### SECTION 16: OTHER INFORMATION

Full text of R-phrases referred to under SECTIONS 2 and 3 No information available. R52/53 - Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Full text of H-Statements referred to under SECTIONS 2 and 3 H412 - Harmful to aquatic life with long lasting effects. This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 Disclaimer The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.