According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Oxyclozanide Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
5.1	28.09.2024	9374034-00008	Date of first issue: 27.08.2021

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

1.1	Product identifier Trade name	:	Oxyclozanide Formulation				
1.2	1.2 Relevant identified uses of the substance or mixture and uses advised against						
	Use of the Sub- stance/Mixture		Veterinary product				
	Recommended restrictions on use	:	Not applicable				
1.3	1.3 Details of the supplier of the safety data sheet						
	Company	:	MSD Walton Manor, Walton MK7 7AJ Milton Keynes - United Kingdom				
	Telephone	:	+1-908-740-4000				
	E-mail address of person responsible for the SDS	:	EHSDATASTEWARD@msd.com				

1.4 Emergency telephone number

+1-908-423-6000

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Reproductive toxicity, Category 2 Long-term (chronic) aquatic hazard, Category 2 H361d: Suspected of damaging the unborn child. H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms



Signal word

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Version 5.1	Revision Date: 28.09.2024		0S Number: 74034-0000	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
Hazar	d statements		H361d H411	Suspected of damaging the unborn child. Toxic to aquatic life with long lasting effects.
Preca	utionary statements	.	Prevention P201 P273 P280	Obtain special instructions before use. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.
			Response: P308 + P31 P391 Storage: P405	 IF exposed or concerned: Get medical advice/ attention. Collect spillage. Store locked up.

Hazardous components which must be listed on the label: oxyclozanide

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
oxyclozanide	2277-92-1 218-904-0	Repr. 2; H361d STOT SE 2; H371 (Central nervous system) STOT RE 2; H373 (Brain, Liver) Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	>= 3 - < 10

For explanation of abbreviations see section 16.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
5.1	28.09.2024	9374034-00008	Date of first issue: 27.08.2021

SECTION 4: First aid measures

4.1 Description of first aid measures						
General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.				
Protection of first-aiders	:	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).				
If inhaled	:	If inhaled, remove to fresh air. Get medical attention.				
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.				
In case of eye contact	:	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.				
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.				

4.2 Most important symptoms and effects, both acute and delayed

Risks :		Suspected of damaging the unborn child	J.
---------	--	--	----

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment
- : Treat symptomatically and supportively.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Revision Date: 28.09.2024			Date of last issue: 06.04.2024 Date of first issue: 27.08.2021					
5.2 Special hazards arising from the substance or mixture								
-	:	Exposure to com	pustion products may be a hazard to health.					
Hazardous combustion prod- ucts		Carbon oxides Chlorine compounds Nitrogen oxides (NOx) Metal oxides						
e for firefighters								
	:		e, wear self-contained breathing apparatus. tective equipment.					
fic extinguishing meth-	:	cumstances and Use water spray	measures that are appropriate to local cir- the surrounding environment. to cool unopened containers. ged containers from fire area if it is safe to do					
	28.09.2024 al hazards arising from ific hazards during fire- ing rdous combustion prod-	28.09.2024 93 al hazards arising from the fic hazards during fire- : ng : rdous combustion prod- : e for firefighters : al protective equipment : efighters :	28.09.2024 9374034-00008 al hazards arising from the substance or minimized in the substance or minized in the substance or minimized in the substance or minimized in					

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

en i ereena precauterie, prece		e equipinent and entergency preceduree
Personal precautions	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro- tective 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. If spillage enters rivers or watercourses, inform the Environ- ment Agency (emergency telephone number 0800 807060).

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 contain- ment 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 absor- bent.
	Local or national regulations may apply to releases and dis- posal of this material, as well as those materials and items employed in the cleanup of releases. You will need to deter- mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
5.1	28.09.2024	9374034-00008	Date of first issue: 27.08.2021

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 mea	asures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ve	entilation	·	Use only with adequate ventilation.
Advice on safe		÷	Do not breathe mist or vapours.
	0		Do not swallow.
			Avoid contact with eyes.
			Avoid prolonged or repeated contact with skin.
			Wash skin thoroughly after handling.
			Handle in accordance with good industrial hygiene and safety
			practice, based on the results of the workplace exposure as- sessment
			Do not eat, drink or smoke when using this product.
			Take care to prevent spills, waste and minimize release to the environment.
Hygiene meas	sures	:	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-
			nated clothing before re-use.
			The effective operation of a facility should include review of
			engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures,
			industrial hygiene monitoring, medical surveillance and the
			use of administrative controls.
7.2 Conditions for	r safe storage, i	nclu	uding any incompatibilities
Requirements	for storage	:	Keep in properly labelled containers. Store locked up. Store in
areas and con	ntainers		accordance with the particular national regulations.
Advice on con	nmon storage	:	Do not store with the following product types:
			Strong oxidizing agents Gases
7.3 Specific end u	ise(s)		
Specific use(s	. ,		No data available
Specific use(s	<i>)</i>	•	INU UALA AVAIIANIE

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
oxyclozanide	2277-92-1	TWA	0.4 mg/m3 (OEB 2)	Internal

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
5.1	28.09.2024	9374034-00008	Date of first issue: 27.08.2021

8.2 Exposure controls

Engineering measures

Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip-less quick connections).

All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Laboratory operations do not require special containment.

Personal protective equipment

Eye/face protection	:	Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.
Hand protection		
Material		Chemical-resistant gloves
Material	•	Chemical-resistant gioves
Skin and body protection		Work uniform or laboratory coat.
Respiratory protection	:	If adequate local exhaust ventilation is not available or expo-
	•	sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection. Equipment should conform to BS EN 143
Filter type	:	Particulates type (P)
	•	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Colour Odour Odour Threshold	:	transparent, Straw-coloured No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Ver 5.1	sion	Revision Date: 28.09.2024		S Number: 74034-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
	Relativ	e vapour density	:	No data available	e
Relative density		:	No data available	e	
	Density	y	:	No data available	e
Solubility(ies) Water solubility Partition coefficient: n- octanol/water Auto-ignition temperature Decomposition temperature Viscosity Viscosity, kinematic Explosive properties Oxidizing properties			completely misci Not applicable No data available No data available Not data available Not explosive The substance o	e	
9.2	Other in	nformation			
	Flamm	ability (liquids)	:	No data available	9
	Molecu	ular weight	:	No data available	e
	Particle	e size	:	Not applicable	

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.

10.4 Conditions to avoid

Conditions to avoid : Nor	ne known.
---------------------------	-----------

10.5 Incompatible materials

Materials to avoid : Oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
5.1	28.09.2024	9374034-00008	Date of first issue: 27.08.2021

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

Acute toxicity

Not classified based on available information.

Components:

oxyclozanide:

Acute oral toxicity	:	LD50 (Rat): 3,519 mg/kg Target Organs: Central nervous system
Acute toxicity (other routes of administration)	:	LDLo (sheep): 10 mg/kg Application Route: Intravenous

Skin corrosion/irritation

Not classified based on available information.

Components:

oxyclozanide:

Remarks

: Not classified due to lack of data.

Serious eye damage/eye irritation

Not classified based on available information.

Components:

oxyclozanide:

Remarks

: Not classified due to lack of data.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

oxyclozanide:

Exposure routes	:	Dermal
Remarks	:	Not classified due to lack of data.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

ersion 1	Revision Date: 28.09.2024	-	DS Number: 74034-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
	n cell mutagenicity lassified based on availa	able	information.	
<u>Com</u>	ponents:			
охус	lozanide:			
Geno	otoxicity in vitro	:	Test Type: Bacter Result: negative	rial reverse mutation assay (AMES)
			Test Type: Chrom Test system: Hum Result: positive	nosomal aberration nan lymphocytes
			Test Type: Mouse Result: positive	e Lymphoma
Geno	otoxicity in vivo	:	Test Type: Micror Species: Mouse Application Route Result: negative	
			Test Type: unsch Species: Rat Cell type: Liver ce Application Route Result: negative	
Germ sessr	n cell mutagenicity- As- ment	:	Weight of evidend cell mutagen.	ce does not support classification as a germ
	inogenicity lassified based on availa	able	information.	
Com	ponents:			
охус	lozanide:			
Rema	arks	:	Not classified due	e to lack of data.
-	oductive toxicity ected of damaging the u	ınbo	rn child.	
•	ponents:			
охус	lozanide:			
-	ts on fertility	:	Species: Rat, mal Application Route General Toxicity -	: Oral Parent: NOAEL: 25 - 35 mg/kg body weight ced body weight, No effects on embryofoetal velopment
			Test Type: Two-g	eneration reproduction toxicity study

Assessment

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

ersion 1	Revision Date: 28.09.2024	SDS Number:Date of last issue: 06.04.209374034-00008Date of first issue: 27.08.20	
		Species: Rat Application Route: Oral General Toxicity - Parent: LOAEL: 75 - 100 m weight Symptoms: Reduced body weight, No effects and postnatal development Result: No effects on fertility	
		Test Type: Two-generation reproduction toxic Species: Rat Application Route: Oral Early Embryonic Development: LOAEL: 75 - 1 weight Result: No fetotoxicity, No teratogenic effects	
		Test Type: One-generation reproduction toxic Species: Rat Application Route: Oral General Toxicity - Parent: LOAEL: 80 - 160 m weight Result: No fetotoxicity, No teratogenic effects, fertility	g/kg body
Effect ment	ts on foetal develop-	: Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: NOAEL: 200 mg/kg to Result: No fetotoxicity, No teratogenic effects	oody weight
		Test Type: Development Species: Rat Application Route: Oral General Toxicity Maternal: LOAEL: 100 mg/kg Result: No fetotoxicity, No teratogenic effects	g body weight
		Test Type: Development Species: Rabbit Application Route: Oral Developmental Toxicity: NOAEL: 32 mg/kg bo Result: Fetotoxicity, Skeletal malformations	ody weight
Repro sessn	oductive toxicity - As- nent	: Suspected of damaging the unborn child.	
STOT	- single exposure		
Not cl	lassified based on avai	le information.	
Com	ponents:		
Expos Targe	l ozanide: sure routes et Organs	 Oral Central nervous system May cause damage to organs 	

: May cause damage to organs.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Version 5.1	Revision Date: 28.09.2024		DS Number: 74034-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
	Γ - repeated exposure lassified based on avail	able	information.	
Com	ponents:			
охус	lozanide:			
Targe	et Organs	:	Brain, Liver	
Asse	ssment	:	May cause dama exposure.	ge to organs through prolonged or repeated
Repe	ated dose toxicity			
Com	ponents:			
охус	lozanide:			
Spec		:	Rat	
NOAI LOAE		÷	9 mg/kg	
	₋∟ cation Route	:	44.5 mg/kg Oral	
	sure time		3 Months	
	et Organs	÷		en, Adrenal gland
	otoms	:	Liver effects	
Spec		:	Dog	
NOA		:	5 mg/kg	
LOAE		:	25 mg/kg	
	cation Route sure time	:	Oral 3 Months	
	et Organs	:	Brain, Liver	
	otoms	:		eration in liver enzymes
				-
-	r ation toxicity lassified based on avail	ahle	information	
	ponents:	2010		
-	lozanide: pplicable			
nota	phicanie			

Experience with human exposure

Components:

oxyclozanide:

Ingestion

: Symptoms: May cause, Gastrointestinal disturbance, Central nervous system depression

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
5.1	28.09.2024	9374034-00008	Date of first issue: 27.08.2021

SECTION 12: Ecological information

12.1 Toxicity

Components:

i		
oxyclozanide:		
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.69 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
M-Factor (Acute aquatic tox- icity)	:	1
M-Factor (Chronic aquatic toxicity)	:	1
12.2 Persistence and degradabil	ity	
Components:		
oxyclozanide:		
Stability in water	:	Hydrolysis: 50 %(156 d) Method: OECD Test Guideline 111
12.3 Bioaccumulative potential		
Components:		
oxyclozanide:		
Partition coefficient: n-	:	log Pow: 3.99
octanol/water		pH: 7 Method: OECD Test Guideline 107
12.4 Mobility in soil		
Components:		
oxyclozanide:		
Distribution among environ- mental compartments	:	log Koc: 4.83 Method: OECD Test Guideline 106
12.5 Results of PBT and vPvB as	sse	ssment
Product:		
Assessment	:	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or

0.1% or higher.

very persistent and very bioaccumulative (vPvB) at levels of

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Version 5.1	Revision Date: 28.09.2024	SDS Number: 9374034-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
12.6 Othe	er adverse effects		
Prod		T L's a latesta	/

Endocrine disrupting poten-	:	This substance/mixture does not contain components consid-
tial		ered to have endocrine disrupting properties for environment
		according to UK REACH Article 57(f).

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Do not dispose of waste into sewer.
Contaminated packaging	:	Empty containers should be taken to an approved waste han- dling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number

ADN	:	UN 3082
ADR	:	UN 3082
RID	:	UN 3082
IMDG	:	UN 3082
ΙΑΤΑ	:	UN 3082
14.2 UN proper shipping name		
ADN	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxyclozanide)
ADR	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxyclozanide)
RID	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxyclozanide)
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxyclozanide)
ΙΑΤΑ	:	Environmentally hazardous substance, liquid, n.o.s. (oxyclozanide)

14.3 Transport hazard class(es)

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Version 5.1	Revision Date: 28.09.2024		OS Number: 74034-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
			Class	Subsidiary risks
ADN		:	9	
ADR		:	9	
RID		:	9	
IMDG		:	9	
IATA		•	9	
14.4 Packi	na aroup	-	-	
ADN				
Packiı Classi	ng group fication Code d Identification Number	:	III M6 90 9	
Classi Hazar Labels	ng group fication Code d Identification Number s el restriction code	:	III M6 90 9 (-)	
Classi	ng group fication Code d Identification Number s	:	III M6 90 9	
IMDG Packir Labels EmS (ng group S	:	III 9 F-A, S-F	
Packir aircrat Packir	(Cargo) ng instruction (cargo tt) ng instruction (LQ) ng group	:	964 Y964 III	
Labels	6	:	Miscellaneous	
Packir ger ai Packir	ng instruction (LQ) ng group	:	964 Y964 III Miscellaneous	
	onmental hazards			
ADN Enviro	appontally bazardaya		Voc	
ADR	onmentally hazardous	:	yes yes	

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Version	Revision Date: 28.09.2024	SDS Number:	Date of last issue: 06.04.2024
5.1		9374034-00008	Date of first issue: 27.08.2021

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.

: Not applicable for product as supplied.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mix-ture

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (A	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3		
			here according to in the regulation, in use/purpose or the restriction. Please tions in correspond determine whether cable to the placin not.	respective of their e conditions of the refer to the condi- ding Regulation to
UK REACH Candidate list of sub concern (SVHC) for Authorisation	, .	•	Not applicable	
The Persistent Organic Pollutant Regulation (EU) 2019/1021 as a ain)		:	Not applicable	
Regulation (EC) on substances t layer	hat deplete the ozone	:	Not applicable	
UK REACH List of substances su (Annex XIV)	ubject to authorisation	:	Not applicable	
GB Export and import of hazardo Informed Consent (PIC) Regulation	on	:	Not applicable	
Control of Major Accident Hazard	ds Regulations 2015 (CON	MA	.H) Quantity 1	Quantity 2
E2	ENVIRONMENTAL		200 t	500 t

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Oxyclozanide Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
5.1	28.09.2024	9374034-00008	Date of first issue: 27.08.2021

HAZARDS

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

The components of this product are reported in the following inventories:

AICS	: not determined
DSL	: not determined
IECSC	: not determined

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 previ are highlighted in the body of this document by two lines.		
Full text of H-Statements			
H361d	: Suspected of damaging the unborn child.		
H371	: May cause damage to organs if swallowed.		
H373	: May cause damage to organs through prolonged or exposure.	repeated	
H400	: Very toxic to aquatic life.		
H410	: Very toxic to aquatic life with long lasting effects.		
Full text of other abbreviations			
Aquatic Acute	: Short-term (acute) aquatic hazard		
Aquatic Chronic	· Long-term (chronic) aquatic hazard		

Aquatic Acute	Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Repr.	: Reproductive toxicity
STOT RE	: Specific target organ toxicity - repeated exposure

STOT SE : Specific target organ toxicity - single exposure

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;



Oxyclozanide Formulation

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5.1	28.09.2024	9374034-00008	Date of first issue: 27.08.2021

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; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

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

Classification of the mixtur	Classification procedure:	
Repr. 2	H361d	Calculation method
Aquatic Chronic 2	H411	Calculation method

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 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.

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