

Version	Revision Date:	SDS Number:	Date of last issue: 05/16/2024
3.0	07/06/2024	10857718-00007	Date of first issue: 09/29/2022

### **SECTION 1. IDENTIFICATION**

Product name Other means of identification		Levamisole (6.5%) / Oxyclozanide (13%) Formulation COOPERS NILZAN LV ORAL DRENCH (36089)
Manufacturer or supplier's d	leta	ils
Company name of supplier	:	Merck & Co., Inc
Address	:	126 E. Lincoln Avenue
		Rahway, New Jersey U.S.A. 07065
Telephone	:	908-740-4000
Emergency telephone	:	1-908-423-6000
E-mail address	:	EHSDATASTEWARD@merck.com
Recommended use of the ch	nen	nical and restrictions on use
Recommended use	:	Veterinary product
Restrictions on use	:	Not applicable

## **SECTION 2. HAZARDS IDENTIFICATION**

#### GHS classification in accordance with the Hazardous Products Regulations

Serious eye damage	:	Category 1
Reproductive toxicity	:	Category 2
Specific target organ toxicity - single exposure (Oral)	:	Category 2 (Central nervous system)
Specific target organ toxicity - repeated exposure	:	Category 2 (Brain, Liver)
Specific target organ toxicity - repeated exposure (Oral)	:	Category 2 (Blood, Testis)

#### **GHS** label elements

Hazard pictograms



Signal Word

: Danger

1

Hazard Statements	:	<ul> <li>H318 Causes serious eye damage.</li> <li>H361d Suspected of damaging the unborn child.</li> <li>H371 May cause damage to organs (Central nervous system) if swallowed.</li> <li>H373 May cause damage to organs (Brain, Liver) through prolonged or repeated exposure.</li> <li>H373 May cause damage to organs (Blood, Testis) through prolonged or repeated exposure if swallowed.</li> </ul>



ersion .0	Revision Date: 07/06/2024	SDS Num 10857718		ate of last issue: 05/16/2024 ate of first issue: 09/29/2022
Preca	autionary Stateme	Preve P201 ( P202 I and ur P260 I P264 \ P270 I P280 \	Obtain special Do not handle u nderstood. Do not breathe Wash skin thor Do not eat, drin	instructions before use. until all safety precautions have been read mist or vapors. oughly after handling. k or smoke when using this product. e gloves, protective clothing, eye protection
		water and ea CENT	+ P351 + P338 for several min asy to do. Conti ER.	+ P310 IF IN EYES: Rinse cautiously with utes. Remove contact lenses, if present inue rinsing. Immediately call a POISON used or concerned: Call a doctor.
		Storag P405 \$	<b>ge:</b> Store locked up	).
		<b>Dispo</b> P501 I	sal:	tents and container to an approved waste
Othe	r hazards			
None	known.			
	3. COMPOSITIO	N/INFORMATION	ON INGREDI	ENTS
Subst	tance / Mixture	: Mixtur	A	
	ponents		0	
	nical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Oxycl	lozanide	3,3',5,5',6- Pentachloro-2'- hydroxysalicy- lanilide	2277-92-1	13
Silicio	c acid, aluminum	No data availa- ble	1335-30-4	6.51

	lainnao			
 Silicic acid, aluminum salt	No data availa- ble	1335-30-4	6.51	
Levamisole hydrochlo- ride	No data availa- ble	16595-80-5	6.5	
	2- hydroxypro- pane-1,2,3- tricarboxylic acid	77-92-9	1.77	

## SECTION 4. FIRST AID MEASURES

## SAFETY DATA SHEET according to the Hazardous Products Regulations



# Levamisole (6.5%) / Oxyclozanide (13%) Formulation

Version 3.0	Revision Date: 07/06/2024		Number: 57718-00007	Date of last issue: 05/16/2024 Date of first issue: 09/29/2022		
General advice		ة ١	In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.			
If inh	If inhaled		If inhaled, remove Get medical atten			
In case of skin contact :		:   c F ( \	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		:   f 	<b>5</b> <i>i</i>			
lf sw	If swallowed : If swallowed, DO NOT induce very Get medical attention. Rinse mouth thoroughly with wa		NOT induce vomiting. tion.			
	t important symptoms effects, both acute and yed	: ( ; ; ; ; ; ;				
Prot	ection of first-aiders	: F a	<ul> <li>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).</li> </ul>			
Note	es to physician	: Treat symptomatically and supportively.				

### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
Specific hazards during fire fighting	:	Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides Chlorine compounds Nitrogen oxides (NOx)
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances 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.
Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.



Version	Revision Date:	SDS Number:	Date of last issue: 05/16/2024
3.0	07/06/2024	10857718-00007	Date of first issue: 09/29/2022

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).
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.
Methods and materials for containment and cleaning up	<ul> <li>Soak up with inert absorbent material.</li> <li>For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.</li> <li>Clean up remaining materials from spill with suitable absorbent.</li> <li>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.</li> <li>Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.</li> </ul>

#### SECTION 7. HANDLING AND STORAGE

Technical measures	: See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation Advice on safe handling	<ul> <li>Use only with adequate ventilation.</li> <li>Do not breathe mist or vapors. Do not swallow. Do not get in 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 assessment</li> </ul>
	Keep container tightly closed. Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	<ul> <li>Keep in properly labeled containers.</li> <li>Store locked up.</li> <li>Keep tightly closed.</li> <li>Store in accordance with the particular national regulations.</li> </ul>
Materials to avoid	: Do not store with the following product types:



Version	Revision Date:	SDS Number:	Date of last issue: 05/16/2024
3.0	07/06/2024	10857718-00007	Date of first issue: 09/29/2022

Strong oxidizing agents Gases

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

	-			
Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
		exposure)	concentration	
Oxyclozanide	2277-92-1	TWA	0.4 mg/m3 (OEB	Internal
			2)	
Silicic acid, aluminum salt	1335-30-4	TWA	2 mg/m <sup>3</sup>	CA AB OEL
			(Aluminum)	
		TWAEV	5 mg/m <sup>3</sup>	CA QC OEL
		(respirable	Ū	
		dust)		
Levamisole hydrochloride	16595-80-5	TWÁ	20 µg/m3 (OEB 3)	Internal
	Further information: Skin			
		Wipe limit	200 µg/100 cm <sup>2</sup>	Internal

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. Containment technologies suitable for controlling compounds are required to control at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face containment devices). Minimize open handling.
Personal protective equipment	
Respiratory protection :	If adequate local exhaust ventilation is not available or

Respiratory protection Filter type Hand protection		If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection. Particulates type
Material	:	Chemical-resistant gloves
Remarks Eye protection		Consider double gloving. 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
Skin and body protection	:	aerosols. Work uniform or laboratory coat. Additional body garments should be used based upon the



Version	Revision Date:	SDS Number:	Date of last issue: 05/16/2024
3.0	07/06/2024	10857718-00007	Date of first issue: 09/29/2022
Hygier	ne measures	disposable suits Use appropriate contaminated cle : If exposure to ch eye flushing sys working place. When using do u Wash contamina The effective op engineering con appropriate degu	nemical is likely during typical use, provide tems and safety showers close to the not eat, drink or smoke. ated clothing before re-use. eration of a facility should include review of trols, proper personal protective equipment, owning and decontamination procedures, ne monitoring, medical surveillance and the

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	suspension
Color	:	yellow
Odor	:	No data available
Odor Threshold	:	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
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	No data available
Relative vapor density	:	No data available
Relative density	:	No data available
Density	:	No data available



Version 3.0	Revision Date: 07/06/2024		S Number: 357718-00007	Date of last issue: 05/16/2024 Date of first issue: 09/29/2022
V Part octa	bility(ies) Vater solubility ition coefficient: n- nol/water ignition temperature	:	No data availabl Not applicable No data availabl	-
Dec	omposition temperature	:	No data availabl	e
	/iscosity, kinematic	:	No data availabl	e
Expl	osive properties	:	Not explosive	
Oxic	lizing properties	:	The substance of	or mixture is not classified as oxidizing.
Mole	ecular weight	:	No data availabl	e
	icle characteristics icle size	:	Not applicable	

### SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability Possibility of hazardous reac- tions	:	Not classified as a reactivity hazard. Stable under normal conditions. Can react with strong oxidizing agents.
Conditions to avoid Incompatible materials Hazardous decomposition products		None known. Oxidizing agents No hazardous decomposition products are known.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Inhalation Skin contact Ingestion Eye contact

### Acute toxicity

Not classified based on available information.

## Product:

Acute oral toxicity

: Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method



Version 3.0	Revision Date: 07/06/2024		9S Number: 857718-00007	Date of last issue: 05/16/2024 Date of first issue: 09/29/2022	
Comp	onents:				
Oxvcl	ozanide:				
	oral toxicity	:	LD50 (Rat): 3,519 mg/kg Target Organs: Central nervous system		
	toxicity (other routes of istration)	:	LDLo (sheep): 10 mg/kg Application Route: Intravenous		
Silicio	acid, aluminum salt:				
Acute	oral toxicity	:	LD50 (Rat, female Method: OECD Te Assessment: The icity		
Acute	dermal toxicity	:	LD50 (Rabbit): > 5 Remarks: Based o	5,000 mg/kg on data from similar materials	
Levan	nisole hydrochloride:				
	oral toxicity	:	LD50 (Rat): 180 n	ng/kg	
			LD50 (Mouse): 22	3 mg/kg	
			LD50 (Rabbit): 45	8 mg/kg	
Acute	inhalation toxicity	:	Remarks: No data available		
Acute	dermal toxicity	:	Remarks: No data available		
Citric	acid:				
	oral toxicity	:	LD50 (Mouse): 5,4	400 mg/kg	
Acute	dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute dermal toxicity		
	corrosion/irritation	ble	information.		
	onents:				
	ozanide:				
Rema		:	Not classified due	to lack of data.	
Silicia	acid, aluminum salt:				
Specie		•	Rabbit		
Metho		÷	OECD Test Guide	line 404	
Result	t	:	No skin irritation		



Version 3.0	Revision Date: 07/06/2024		0S Number: 857718-00007	Date of last issue: 05/16/2024 Date of first issue: 09/29/2022			
Rema	arks	:	Based on data fro	m similar materials			
Levai Rema	misole hydrochloride: arks	:	No data available				
Citric Speci Metho Resul	bc	<ul> <li>Rabbit</li> <li>OECD Test Guideline 404</li> <li>No skin irritation</li> </ul>					
Cause	u <b>s eye damage/eye irri</b> es serious eye damage. ponents:	tati	on				
Oxyc Rema	<b>lozanide:</b> arks	:	Not classified due	to lack of data.			
Silicio Speci Metho		:		embrane vascularization assay			
Resul	lt	:	: Irreversible effects on the eye				
Leva Rema	misole hydrochloride: arks	:	No data available				
Citric Speci Resul Metho	lt	:	<ul> <li>Rabbit</li> <li>Irritation to eyes, reversing within 21 days</li> <li>OECD Test Guideline 405</li> </ul>				
Resp	iratory or skin sensitiz	atio	'n				
	sensitization lassified based on availa	ble	information.				
Not cl	iratory sensitization lassified based on availa	ble	information.				
	<u>ponents:</u>						
	lozanide: es of exposure arks	:	Dermal Not classified due	to lack of data.			
Silicio	<b>c acid, aluminum salt:</b> Type	:	Local lymph node	assay (LLNA)			



according to the Hazardous Products Regulations

Version 3.0	Revision Date: 07/06/2024		0S Number: 857718-00007	Date of last issue: 05/16/2024 Date of first issue: 09/29/2022	
Routes Specie Methor Result	d	:	Skin contact Mouse OECD Test Guideline 429 negative		
<b>Levan</b> Remar	<b>hisole hydrochloride:</b> rks	:	No data available		
Not cla	<b>cell mutagenicity</b> assified based on availa onents:	able	information.		
	ozanide:				
	oxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)	
			Test Type: Chron Test system: Hun Result: positive	nosomal aberration nan lymphocytes	
			Test Type: Mouse Result: positive	e Lymphoma	
Genote	oxicity 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 Assess	cell mutagenicity - sment	:	Weight of evidence does not support classification as a gence cell mutagen.		
II Silicic	acid, aluminum salt:				
	oxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)	
			Result: negative	nosome aberration test in vitro on data from similar materials	
Genote	oxicity in vivo	:		jenicity (in vivo mammalian bone-marrow chromosomal analysis) e: Ingestion	



Version 3.0	Revision Date: 07/06/2024	SDS Num 10857718		Date of last issue: 05/16/2024 Date of first issue: 09/29/2022
		Remai	ks: Based	on data from similar materials
Leva	misole hydrochloride:			
Geno	toxicity in vitro		ype: Bacter : negative	ial reverse mutation assay (AMES)
			ype: Chrom : negative	osome aberration test in vitro
II Citrio	acid:			
	toxicity in vitro		ype: Bacter : negative	ial reverse mutation assay (AMES)
			ype: in vitro : positive	micronucleus test
			ype: Bacter : negative	ial reverse mutation assay (AMES)
Geno	toxicity in vivo	cytoge Specie Applic	netic test, c	enicity (in vivo mammalian bone-marrow chromosomal analysis) : Ingestion
Not c	i <b>nogenicity</b> lassified based on availa ponents:	ble informa	tion.	
Oxyc Rema	l <b>ozanide:</b> arks	: Not cla	assified due	to lack of data.
Silici	c acid, aluminum salt:			
Shick		: Rat		
Applic	cation Route	: Ingesti	on	
Expos	sure time	: 104 we		
Resu Rema		: negativ : Based		m similar materials
Leva	misole hydrochloride:			
Speci		: Mouse	•	
Applic	cation Route sure time	: Oral : 2 Year		
NOAE			s /kg body we	eiaht
Rema				erse effects were reported
Speci Applio	ies cation Route	: Rat : Oral		

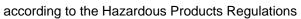
# SAFETY DATA SHEET

according to the Hazardous Products Regulations



Version 3.0	Revision Date: 07/06/2024		0S Number: 857718-00007	Date of last issue: 05/16/2024 Date of first issue: 09/29/2022			
NÓAE	Exposure time NOAEL Remarks		: 2 Years : 40 mg/kg body weight : No significant adverse effects were reported				
•	ductive toxicity cted of damaging the u	nbo	rn child.				
<u>Comp</u>	<u>onents:</u>						
	ozanide:						
Effects	Effects on fertility :		<ul> <li>Test Type: Two-generation reproduction toxicity study Species: Rat, male and female Application Route: Oral General Toxicity Parent: NOAEL: 25 - 35 mg/kg body w Symptoms: Reduced body weight, No effects on embryo and postnatal development. Result: No effects on fertility.</li> </ul>				
			Species: Rat Application Route General Toxicity F	Parent: LOAEL: 75 - 100 mg/kg body weight ced body weight, No effects on embryofetal elopment.			
			Species: Rat Application Route Early Embryonic I weight	eneration reproduction toxicity study : Oral Development: LOAEL: 75 - 100 mg/kg body ticity., No teratogenic effects.			
			Species: Rat Application Route General Toxicity F	eneration reproduction toxicity study : Oral Parent: LOAEL: 80 - 160 mg/kg body weight ticity., No teratogenic effects., No effects on			
Effects	on fetal development	:					

# SAFETY DATA SHEET





Version 3.0	Revision Date: 07/06/2024		0S Number: 857718-00007	Date of last issue: 05/16/2024 Date of first issue: 09/29/2022
Repro sessm	ductive toxicity - As- nent	:	Suspected of dam	naging the unborn child.
Silicio	c acid, aluminum salt:			
	s on fetal development	:	Species: Rat Application Route Result: negative	o-fetal development : Ingestion on data from similar materials
Levar	nisole hydrochloride:			
	s on fertility	:	Species: Rat Application Route	generation reproduction toxicity study : Oral cant adverse effects were reported
Effect	s on fetal development	:	Species: Rat Application Route	oxicity: NOAEL: 20 mg/kg body weight
			Species: Rabbit Application Route	oxicity: LOAEL: 40 mg/kg body weight
Repro sessm	ductive toxicity - As- nent	:	Some evidence or animal experiment	f adverse effects on development, based on ts.
Citric	acid:			
	s on fetal development	:	Test Type: One-g Species: Rat Application Route Result: negative	eneration reproduction toxicity study : Ingestion
	<b>-single exposure</b> ause damage to organs	(Ce	entral nervous syste	em) if swallowed.
Comp	oonents:			
	lozanide:			
Route	s of exposure t Organs	:	Oral Central nervous s	ystem



Version 3.0	Revision Date: 07/06/2024		DS Number: )857718-00007	Date of last issue: 05/16/2024 Date of first issue: 09/29/2022			
Asses	sment	:	May cause dama	ge to organs.			
Citric Asses		:	May cause respir	atory irritation.			
				prolonged or repeated exposure. h prolonged or repeated exposure if swal-			
	onents: ozanide:						
Target	Oxyclozanide: Target Organs Assessment		Brain, Liver May cause damage to organs through prolonged or repeated exposure.				
Target	Levamisole hydrochloride: Target Organs Assessment		<ul> <li>Blood, Testis</li> <li>May cause damage to organs through prolonged or repeated exposure.</li> </ul>				
Repea	ated dose toxicity						
Comp	onents:						
Specie NOAE LOAE Applic Expos	Ľ		Rat 9 mg/kg 44.5 mg/kg Oral 3 Months Brain, Liver, splee Liver effects	en, Adrenal gland			
Expos	L L ation Route ure time t Organs		Dog 5 mg/kg 25 mg/kg Oral 3 Months Brain, Liver blood effects, alte	eration in liver enzymes			
Specie NOAE Applic	L ation Route ure time		Rat > 100 mg/kg Ingestion 104 Weeks Based on data fro	om similar materials			

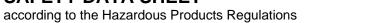


according to the Hazardous Products Regulations

Version 3.0	Revision Date: 07/06/2024	SDS Number: 10857718-00007		Date of last issue: 05/16/2024 Date of first issue: 09/29/2022
Specie NOAEI Applica Exposi		:	Rat 2.5 mg/kg Oral 18 Months Testis	
Exposi		:	Dog 20 mg/kg Oral 18 Months Blood	
		:	Dog 40 mg/kg Oral 3 Months	
	s _		Rat 4,000 mg/kg 8,000 mg/kg Ingestion 10 Days	
Not cla <u>Comp</u> Oxyclo	tion toxicity Issified based on availa Internets: Internets:	ble	information.	
	ence with human exp	osu	ire	
<b>Oxycle</b> Ingesti		:	Symptoms: May o nervous system d	cause, Gastrointestinal disturbance, Central epression
Levam Ingesti	i <b>sole hydrochloride:</b> on	:	Symptoms: Nause tension	ea, Vomiting, Headache, Dizziness, hypo-



Version 3.0	Revision Date: 07/06/2024	-	0S Number: 857718-00007	Date of last issue: 05/16/2024 Date of first issue: 09/29/2022
SECTION	12. ECOLOGICAL INFO	ORM	IATION	
Ecote	oxicity			
<u>Com</u>	ponents:			
Охус	lozanide:			
	ity to daphnia and other tic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD T	
Silici	c acid, aluminum salt:			
Ecote	oxicology Assessment			
Chror	nic aquatic toxicity	:	No toxicity at the	limit of solubility.
Leva	misole hydrochloride:			
Toxic	ity to fish	:	LC50 (Oryzias lat Exposure time: 96 Method: OECD T	
	ity to daphnia and other tic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD T	
Citric	acid:			
Toxic	ity to fish	:	LC50 (Pimephale Exposure time: 96	s promelas (fathead minnow)): > 100 mg/l 5 h
	ity to daphnia and other tic invertebrates	:	EC50 (Daphnia m Exposure time: 24	nagna (Water flea)): 1,535 mg/l 4 h
Persi	stence and degradabil	ity		
Com	ponents:			
	lozanide:			
	lity in water	:	Hydrolysis: 50 %( Method: OECD T	
Citric	acid:			
Biode	gradability	:	Result: Readily bi Biodegradation: 9 Exposure time: 28 Method: OECD T	97 %





Version 3.0	Revision Date: 07/06/2024		DS Number: 0857718-00007	Date of last issue: 05/16/2024 Date of first issue: 09/29/2022				
Bioa	Bioaccumulative potential							
Com	Components:							
Охус	lozanide:							
Partition coefficient: n- octanol/water		:	log Pow: 3.99 pH: 7 Method: OECD T	est Guideline 107				
Citric	c acid:							
	Partition coefficient: n- octanol/water		log Pow: -1.72					
Mobi	lity in soil							
Com	ponents:							
Охус	lozanide:							
	bution among environ- al compartments	:	-	est Guideline 106				
Othe	r adverse effects							
No da	ata available							
			ATIONS					

### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods		
Waste from residues	:	Do not dispose of waste into sewer.
		Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

## **SECTION 14. TRANSPORT INFORMATION**

## International Regulations

<b>UNRTDG</b> UN number Proper shipping name	:	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxyclozanide)
Class	:	9
Packing group	:	111
Labels	:	9
Environmentally hazardous	:	yes
<b>IATA-DGR</b> UN/ID No. Proper shipping name	:	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Oxyclozanide)
Class	:	9



Vers 3.0		Revision Date: 07/06/2024		98 Number: 857718-00007	Date of last issue: 05/16/2024 Date of first issue: 09/29/2022
	aircraft) Packing ger aircr	instruction (cargo instruction (passen-	: :	III Miscellaneous 964 964 yes	
	<b>IMDG-Code</b> UN number Proper shipping name		:	UN 3082 ENVIRONMENTA N.O.S. (Oxyclozanide)	ALLY HAZARDOUS SUBSTANCE, LIQUID,
	Class Packing Labels EmS Co Marine p		:	9 III 9 F-A, S-F yes	

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### **Domestic regulation**

TDG	
UN number	: UN 3082
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Oxyclozanide)
Class	: 9
Packing group	: III
Labels	: 9
ERG Code	: 171
Marine pollutant	: yes(Oxyclozanide)

#### 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.

#### **SECTION 15. REGULATORY INFORMATION**

#### The ingredients of this product are reported in the following inventories:

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



Version	Revision Date:	SDS Number:	Date of last issue: 05/16/2024
3.0	07/06/2024	10857718-00007	Date of first issue: 09/29/2022

#### **SECTION 16. OTHER INFORMATION**

### Full text of other abbreviations

CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA QC OEL	:	Québec. Regulation respecting occupational health and safe- ty, Schedule 1, Part 1: Permissible exposure values for air- borne contaminants
CA AB OEL / TWA CA QC OEL / TWAEV	:	8-hour Occupational exposure limit Time-weighted average exposure value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); 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; ERG - Emergency Response Guide; 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; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; 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; SADT - Self-Accelerating Decomposition Temperature: SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; 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: WHMIS - Workplace Hazardous Materials Information System

Sources of key data used to compile the Material Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/
Revision Date Date format	:	07/06/2024 mm/dd/yyyy



Version	Revision Date:	SDS Number:	Date of last issue: 05/16/2024
3.0	07/06/2024	10857718-00007	Date of first issue: 09/29/2022

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 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.

CA / Z8