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



Oxytetracycline / Diclofenac Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.4	28.09.2024	9374196-00008	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	:	Oxytetracycline / Diclofenac Formulation
1.2	Relevant identified uses of the	e s	ubstance or mixture and uses advised against
	Use of the Sub- stance/Mixture	:	Veterinary product
	Recommended restrictions on use	:	Not applicable
1.3	Details of the supplier of the s	saf	ety 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)

Eye irritation, Category 2 Skin sensitisation, Category 1 Reproductive toxicity, Category 1A	H319: Causes serious eye irritation. H317: May cause an allergic skin reaction. H360FD: May damage fertility. May damage the unborn child.
Specific target organ toxicity - repeated exposure, Category 2 Short-term (acute) aquatic hazard, Cate- gory 1	H373: May cause damage to organs through pro- longed or repeated exposure. H400: Very toxic to aquatic life.
Long-term (chronic) aquatic hazard, Cat- egory 1	H410: Very toxic to aquatic life with long lasting effects.

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



Oxytetracycline / Diclofenac Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.4	28.09.2024	9374196-00008	Date of first issue: 27.08.2021

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	:	Danger	• •
Hazard statements	:	H317 H319 H360FD H373 H410	May cause an allergic skin reaction. Causes serious eye irritation. May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.
Precautionary 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 P333 + P31 P391	3 IF exposed or concerned: Get medical advice/ attention.

Hazardous components which must be listed on the label: oxytetracycline Sodium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate

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)
2-Pyrrolidone	616-45-5	Eye Irrit. 2; H319	>= 50 - < 70

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



Oxytetracycline / Diclofenac Formulation

rsion		SDS Number: 9374196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021	
		210-483-1	Repr. 1B; H360FD 	
oxytet	tracycline	79-57-2 201-212-8	Skin Sens. 1A; H317 Repr. 1A; H360D Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aguatic toxicity): 10	< 25
	m [2-[(2,6- rophenyl)amino]phenyl]ad	239-346-4	aquatic toxicity): 10Acute Tox. 3; H301Skin Irrit. 2; H315Eye Irrit. 2; H319Repr. 2; H361dSTOT RE 1; H372(Gastrointestinaltract, Blood, lym-phatic system, Liv-er, Prostate)Aquatic Chronic 2;H411	2.5
Sodiu	m hydroxymethanesulphi	nate 6035-47-8	Muta. 2; H341 >= 0.1 - Repr. 2; H361d	< 1
Subst	ances with a workplace e	xposure limit :	1 -1 , 1	
	lene glycol	57-55-6 200-338-0	>= 1 - <	: 10
Magne	esium oxide	1309-48-4 215-171-9	>= 1 - <	: 10

For explanation of abbreviations see section 16.

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,



Vers 3.4	sion	Revision Date: 28.09.2024		DS Number: 74196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021		
					mmended personal protective equipment al for exposure exists (see section 8).		
	lf inhale	ed	:	If inhaled, remove Get medical atter			
In case of skin contact		:	Remove contami Get medical atter Wash clothing be	In case of contact, immediately flush skin with 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		:	for at least 15 min If easy to do, rem	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.		
	lf swall	owed	:	Get medical atter	NOT induce vomiting. ntion. roughly with water.		
4.2 N	Most im	portant symptoms a	nd e	effects, both acut	e and delayed		
	Risks		:	Causes serious e May damage fert	ergic skin reaction. eye irritation. ility. May damage the unborn child. ge to organs through prolonged or repeated		
	Treatm	•	meo :		d special treatment needed ically and supportively.		
SECTION 5: Firefighting measures							
5.1 E	Extingu	ishing media					
	-	e extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (Dry chemical			
	Unsuita media	able extinguishing	:	None known.			
5.2 \$	5.2 Special hazards arising from t		the	e substance or mi	xture		
	-	c hazards during fire-	:		bustion products may be a hazard to health.		
	Hazard ucts	lous combustion prod-	:	Carbon oxides Chlorine compou Nitrogen oxides (

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



Oxytetracycline / Diclofenac Formulation

Version 3.4	Revision Date: 28.09.2024		DS Number: 74196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
			Sodium oxides	
Specia for firef	 Advice for firefighters Special protective equipment for firefighters Specific extinguishing meth- ods 		Use personal pro Use extinguishing cumstances and Use water spray	e, wear self-contained breathing apparatus. tective equipment. g 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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Personal precautions : Us		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.	

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

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



Oxytetracycline / Diclofenac Formulation

Version 3.4	Revision Date: 28.09.2024	SDS Number: 9374196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
	hnical measures al/Total ventilation	CONTROLS/	ing measures under EXPOSURE PERSONAL PROTECTION section. ntilation is unavailable, use with local exhaust
	ice on safe handling	Do not breath Do not swallo Do not get in Wash skin the Handle in acc practice, base sessment Keep containe Do not eat, dr Take care to p environment.	eyes. broughly after handling. ordance with good industrial hygiene and safety ed on the results of the workplace exposure as- er tightly closed. ink or smoke when using this product. brevent spills, waste and minimize release to the
Hyg	iene measures	flushing syste place. When u work clothing Wash contam The effective engineering c appropriate de industrial hygi	chemical is likely during typical use, provide eye ms and safety showers close to the working using do not eat, drink or smoke. Contaminated should not be allowed out of the workplace. inated clothing before re-use. operation of a facility should include review of ontrols, proper personal protective equipment, egowning and decontamination procedures, ene monitoring, medical surveillance and the strative controls.
7.2 Cond	litions for safe storage,	, including any inc	ompatibilities
	uirements for storage as and containers		erly labelled containers. Store locked up. Keep Store in accordance with the particular national
Adv	ice on common storage	Strong oxidizi	substances and mixtures
7.3 Spec	ific end use(s)		
-	cific use(s)	: No data availa	able

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
oxytetracycline	79-57-2	TWA	500 µg/m3 (OEB 2)	Internal
	Further information: DSEN			

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



Oxytetracycline / Diclofenac Formulation

Version 3.4	Revision Da 28.09.2024			Pate of last issue: 06.04.2024 Pate of first issue: 27.08.2021	
Prop	ylene glycol	57-55-6	Wipe limit TWA (Total va- pour and parti- cles)	100 µg/100 cm² 150 ppm 474 mg/m3	Internal GB EH40
Magi	nesium oxide	1309-48-4	TWA (particles) TWA (inhalable dust)	10 mg/m3 10 mg/m3 (Magnesium)	GB EH40 GB EH40
			TWA (Respirable dust)		GB EH40
			TWA (Fumes)	10 mg/m3 (Magnesium)	GB EH40
dichl phe-	mino]phenyl]a	15307-79-6	TWA	100 µg/m3 (OEB 2)	Internal
		Further inforn	nation: Skin		

Derived No Effect Level (DNEL)

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
2-Pyrrolidone	Workers	Inhalation	Long-term systemic effects	57.8 mg/m3
	Workers	Skin contact	Long-term systemic effects	10 mg/kg bw/day
	Workers	Skin contact	Acute systemic ef- fects	277 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	17.1 mg/m3
	Consumers	Skin contact	Long-term systemic effects	6 mg/kg bw/day
	Consumers	Skin contact	Acute systemic ef- fects	167 mg/kg bw/day
	Consumers	Ingestion	Long-term systemic effects	5.2 mg/kg bw/day
	Consumers	Ingestion	Acute systemic ef- fects	33.3 mg/kg bw/day
Propylene glycol	Workers	Inhalation	Long-term local ef- fects	10 mg/m3
	Workers	Inhalation	Long-term systemic effects	168 mg/m3
	Consumers	Inhalation	Long-term local ef- fects	10 mg/m3
	Consumers	Inhalation	Long-term systemic effects	50 mg/m3

Predicted No Effect Concentration (PNEC)

Substance name	Environmental Compartment	Value
2-Pyrrolidone	Fresh water	0.5 mg/l
	Freshwater - intermittent	0.5 mg/l
	Marine water	0.05 mg/l

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



Oxytetracycline / Diclofenac Formulation

Version 3.4	Revision Date: 28.09.2024	SDS Number: 9374196-00008	Date of last issue: Date of first issue:	
		Sewage treat		10 mg/l 0.4205 mg/kg dry weight (d.w.)
		Soil		0.0612 mg/kg dry weight (d.w.)
Propy	Propylene glycol	Fresh water		260 mg/l
		Freshwater - i	ntermittent	183 mg/l
		Marine water		26 mg/l
		Sewage treat	ment plant	20000 mg/l
		Fresh water s	ediment	572 mg/kg dry weight (d.w.)
		Marine sedim	ent	57.2 mg/kg dry weight (d.w.)
		Soil		50 mg/kg dry weight (d.w.)

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
Skin and body protection Respiratory protection	:	Work uniform or laboratory coat. 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 14387
Filter type	:	Combined particulates and organic vapour type (A-P)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Colour Odour Odour Threshold	 liquid brown, Greenish yellow characteristic No data available
рН	: No data available
Melting point/freezing point	: -33 °C

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



Versio 3.4	n Revision Date: 28.09.2024		S Number: /4196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
			_	
	itial boiling point and boiling nge	:	100.5 °C	
	ash point	:	No data available	9
E	vaporation rate	:	No data available	9
FI	ammability (solid, gas)	:	Not applicable	
	oper explosion limit / Upper ammability limit	:	No data available	
	ower explosion limit / Lower ammability limit	:	No data available	9
Va	apour pressure	:	No data available)
R	elative vapour density	:	No data available)
R	elative density	:	1.15 - 1.19 (25 °C	C)
D	ensity	:	No data available	9
S	blubility(ies)			
	Water solubility artition coefficient: n-	:	soluble Not applicable	
	ctanol/water uto-ignition temperature	:	No data available)
D	ecomposition temperature	:	No data available	9
Vi	scosity			
	Viscosity, dynamic	:	50.3 - 50.7 mPa.	s (25 °C)
	Viscosity, kinematic	:	No data available	3
E	plosive properties	:	Not explosive	
0	xidizing properties	:	The substance o	r mixture is not classified as oxidizing.
9.2 Ot	ner information			
FI	ammability (liquids)	:	No data available	9
М	olecular weight	:	No data available)
Pa	article size	:	Not applicable	

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



Oxytetracycline / Diclofenac Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.4	28.09.2024	9374196-00008	Date of first issue: 27.08.2021

SECTION 10: Stability and reactivity

10.1 Reactivity

naza	rd.
ns.	
actio	ons
:	Can react with strong oxidizing agents.
:	None known.
:	Oxidizing agents
proc	lucts
pro	ducts are known.
nfor	mation
r :	Inhalation Skin contact Ingestion Eye contact
able	information.
:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 401 Assessment: The substance or mixture has no acute oral tox- icity
	actio : proc proc nfor

oxytetracycline:

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



Versi 3.4	ion	Revision Date: 28.09.2024		S Number: 74196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
	Acute c	oral toxicity	:	LD50 (Rat): 4,800	mg/kg
				LD50 (Mouse): 2,2 Remarks: Evidenc	240 mg/kg ce of phototoxicity was observed
	Acute ir	nhalation toxicity	:	Remarks: No data	available
	Acute d	lermal toxicity	:	Remarks: No data	available
		oxicity (other routes of stration)	:	LD50 (Rat): 4,840 Application Route	
				LD50 (Mouse): 3,8 Application Route	
:	Sodiun	n [2-[(2,6-dichlorophe	nyl)	amino]phenyl]aco	etate:
	Acute o	oral toxicity	:	LD50 (Rat): 55 - 2	40 mg/kg
				LD50 (Mouse): 17	'0 - 389 mg/kg
		oxicity (other routes of stration)	:	LD50 (Rat): 97 - 1 Application Route	
				LD50 (Mouse): 92 Application Route	
:	Sodiun	n hydroxymethanesu	lphi	nate:	
	Acute c	oral toxicity	:	Method: OECD Te	
	Acute d	lermal toxicity	:	LD50 (Rat): > 2,00 Method: OECD Te Remarks: Based o	
	Propyle	ene glycol:			
	•••	oral toxicity	:	LD50 (Rat): 22,00	0 mg/kg
	Acute ir	nhalation toxicity	:	LC50 (Rat): > 44.9 Exposure time: 4 I Test atmosphere:	h
	Acute d	lermal toxicity	:	LD50 (Rabbit): > 2 Assessment: The toxicity	2,000 mg/kg substance or mixture has no acute dermal
	-	sium oxide: oral toxicity	:	LD50 (Rat): > 2,00 Method: OECD Te Assessment: The	

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



Oxytetracycline / Diclofenac Formulation

sion	Revision Date: 28.09.2024		9S Number: 74196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
			icity	
			Remarks: Based	l on data from similar materials
Acute	inhalation toxicity	:	()	
			Exposure time: 4	
			Test atmosphere	Test Guideline 403
				I on data from similar materials
Skin d	corrosion/irritation			
Not cl	assified based on ava	ilable	information.	
<u>Comp</u>	oonents:			
•	rolidone:			
Speci			Rabbit	1-1
Metho Resul			OECD Test Guid No skin irritation	
itesui	L	•	NO SKIT ITTALIOT	
•	tracycline:			
Rema	rks	:	No data availabl	e
Sodiu	ım [2-[(2,6-dichlorop	henyl)amino]phenyl]a	cetate:
Resul	t	:	irritating	
Sodiu	Im hydroxymethanes	sulphi	nate:	
Specie	es	:	Rat	
Resul		:	No skin irritation	
Rema	rks	:	Based on data fi	rom similar materials
Propy	/lene glycol:			
Speci		:	Rabbit	
Metho Resul		:	OECD Test Guid	
Resul	L	·	No skin irritation	
	us eye damage/eye i es serious eye irritation		on	
	onents:			
	rolidone:			
Specie			Rabbit	
		:		, reversing within 7 days
Resul				
	tracycline:			

Sodium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate:

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



	Revision Date: 28.09.2024	SDS Number:Date of last issue: 06.04.20249374196-00008Date of first issue: 27.08.2021
Resul	t	: Mild eye irritation
Sodiu	ım hydroxymethane	esulphinate:
Speci	es	: Rabbit
Metho	bd	: OECD Test Guideline 405
Resul	t	: No eye irritation
Rema	urks	: Based on data from similar materials
Propy	/lene glycol:	
Speci	es	: Rabbit
Metho		: OECD Test Guideline 405
Resul	t	: No eye irritation
Magn	esium oxide:	
Speci		: Rabbit
Metho		: OECD Test Guideline 405
Resul		: No eye irritation
Rema	ırks	: Based on data from similar materials
_		
-	iratory or skin sensi	itisation
Skin	sensitisation	
-	ause an allergic skin	reaction.
May c	ause an allergic skin	
May c Resp	iratory sensitisation	I
May o Resp Not cl	iratory sensitisation assified based on ava	I
May c Resp Not cl <u>Comp</u>	iratory sensitisation assified based on ava conents:	I
May c Resp Not cl <u>Comp</u>	iratory sensitisation assified based on ava	I
May c Resp Not cl <u>Comp</u>	iratory sensitisation assified based on ava ponents: rolidone:	ailable information. : Local lymph node assay (LLNA)
May of Resp Not cl Comp 2-Pyr Test	iratory sensitisation assified based on ava ponents: rolidone:	ailable information.
May of Resp Not cl Comp 2-Pyr Test	iratory sensitisation assified based on ava <u>conents:</u> rolidone: Type sure routes	ailable information. : Local lymph node assay (LLNA) : Skin contact : Mouse
May of Resp Not cl Comp 2-Pyr Test T Expos	iratory sensitisation assified based on ava <u>conents:</u> rolidone: Fype sure routes es	ailable information. : Local lymph node assay (LLNA) : Skin contact
May concerning the second seco	iratory sensitisation assified based on ava <u>conents:</u> rolidone: Type sure routes es od t	ailable information. Local lymph node assay (LLNA) Skin contact Mouse COECD Test Guideline 429 negative
May concerning the second seco	iratory sensitisation assified based on ava <u>conents:</u> rolidone: Type sure routes es od t	ailable information. Local lymph node assay (LLNA) Skin contact Mouse COECD Test Guideline 429
May c Resp Not cl Comp 2-Pyr Test Speci Metho Resul Rema	iratory sensitisation assified based on ava <u>conents:</u> rolidone: Type sure routes es od t	ailable information. Local lymph node assay (LLNA) Skin contact Mouse COECD Test Guideline 429 negative
May c Resp Not cl Comp 2-Pyr Test Speci Metho Resul Rema	iratory sensitisation assified based on ava ponents: rolidone: Type sure routes es bod t t irks	ailable information. Local lymph node assay (LLNA) Skin contact Mouse COECD Test Guideline 429 negative
May of Resp Not cl Comp 2-Pyr Test T Expos Speci Metho Resul Rema	iratory sensitisation assified based on ava <u>conents:</u> rolidone: Type sure routes es bd t t tracycline: Type	ailable information. : Local lymph node assay (LLNA) : Skin contact : Mouse : OECD Test Guideline 429 : negative : Based on data from similar materials
May of Resp Not cl Comp 2-Pyr Test T Expos Speci Metho Resul Rema oxyte Test T Resul	iratory sensitisation assified based on ava <u>conents:</u> rolidone: Type sure routes es bd t t tracycline: Type	ailable information.
May of Resp Not cl Comp 2-Pyr Test Expos Speci Methor Resul Rema oxyte Test Resul Rema Sociu	iratory sensitisation assified based on ava <u>conents:</u> rolidone: Type sure routes es od t t tracycline: Type t m hydroxymethane	ailable information.
May control Response of the second se	iratory sensitisation assified based on avaination conents: rolidone: Type sure routes es bd t t tracycline: Type t m hydroxymethane	ailable information.
May control Response of the second se	iratory sensitisation assified based on avainable conents: rolidone: Type sure routes es bd t t tracycline: Type t t Im hydroxymethane Type sure routes	 ailable information. Local lymph node assay (LLNA) Skin contact Mouse OECD Test Guideline 429 negative Based on data from similar materials Human repeat insult patch test (HRIPT) Sensitiser
May of Resp Not cl Comp 2-Pyr Test T Expos Speci Methor Resul Rema oxyte Test T Resul Sodiu Test T Expos	iratory sensitisation assified based on avainable conents: rolidone: Type sure routes es bd t t trks tracycline: Type t um hydroxymethane Type sure routes es	ailable information. : Local lymph node assay (LLNA) : Skin contact : Mouse : OECD Test Guideline 429 : negative : Based on data from similar materials : Human repeat insult patch test (HRIPT) : Sensitiser sulphinate: : Maximisation Test
May constraints of the second	iratory sensitisation assified based on avainable conents: rolidone: Type sure routes es bod t t tracycline: Type t t m hydroxymethane Type sure routes es bod	 ailable information. Local lymph node assay (LLNA) Skin contact Mouse OECD Test Guideline 429 negative Based on data from similar materials Human repeat insult patch test (HRIPT) Sensitiser sulphinate: Maximisation Test Skin contact Guinea pig

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



Versio 3.4	on	Revision Date: 28.09.2024		9S Number: 74196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
F	Propyle	ene glycol:			
T E S	Test Ty	pe re routes	:	Maximisation Test Skin contact Guinea pig negative	t
Ν	Magnes	sium oxide:			
E S N F	Fest Typ Exposur Species Method Result Remark	re routes		Maximisation Test Skin contact Guinea pig OECD Test Guide negative Based on data from	
١	Not clas	ell mutagenicity sified based on availa	ble	information.	
	Compo				
	•	lidone: kicity in vitro	:	Test Type: Bacter Result: negative	ial reverse mutation assay (AMES)
				Method: OECD Te Result: negative	e mammalian cell gene mutation test est Guideline 476 on data from similar materials
				Test Type: Chrom Method: OECD Te Result: negative	osome aberration test in vitro est Guideline 473
C	Genoto	kicity in vivo	:	cytogenetic assay Species: Mouse	: Intraperitoneal injection
c	oxytetra	acycline:			
	-	kicity in vitro	:	Test Type: Microb Result: negative Test Type: Mouse	ial mutagenesis assay (Ames test)
					on: Metabolic activation
					chromatid exchange assay ese hamster ovary cells



Version 3.4	Revision Date: 28.09.2024		DS Number:Date of last issue: 06.04.202400008Date of first issue: 27.08.2021
			Test Type: Chromosomal aberration Result: negative
Gen	otoxicity in vivo	:	Test Type: Micronucleus test Species: Mouse Cell type: Bone marrow Application Route: Oral Result: equivocal
			Test Type: in vivo assay Species: Mouse Application Route: Intraperitoneal injection Result: negative
	n cell mutagenicity- As- ment	:	Weight of evidence does not support classification as a germ cell mutagen.
Sod	ium [2-[(2,6-dichloroph	enyl	I)amino]phenyl]acetate:
Gen	otoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
			Test Type: Mouse Lymphoma Result: negative
Gen	otoxicity in vivo	:	Test Type: Chromosomal aberration Species: CHO Result: negative
Sod	ium hydroxymethanesu	ılph	inate:
Gen	otoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative Remarks: Based on data from similar materials
Gen	otoxicity in vivo	:	Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Mouse Application Route: Intraperitoneal injection Method: OECD Test Guideline 474 Result: positive Remarks: Based on data from similar materials
	n cell mutagenicity- As- ment	:	Positive result(s) from in vivo mammalian somatic cell muta- genicity tests.
Prop	oylene glycol:		
-	otoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
			Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473
			15/31

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



rsion 1	Revision Date: 28.09.2024	SDS Number: 9374196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
		Result: negativ	/e
Geno	toxicity in vivo	cytogenetic as Species: Mous	se future interview interv
Magn	esium oxide:		
Geno	toxicity in vitro	Method: OECI Result: negativ	cterial reverse mutation assay (AMES) D Test Guideline 471 /e ed on data from similar materials
		Method: OECI Result: negativ	romosome aberration test in vitro D Test Guideline 473 /e ed on data from similar materials
		Method: OECI Result: negativ	vitro mammalian cell gene mutation test D Test Guideline 476 ve ed on data from similar materials
		Remarks: Bas	
Not cl	nogenicity lassified based on ava		
Not cl <u>Com</u> r	lassified based on ava		
Not cl <u>Comp</u> 2-Pyr Speci Applic	lassified based on ava <u>conents:</u> rolidone: es cation Route sure time It	ailable information. : Mouse : Ingestion : 18 month(s) : negative	from similar materials
Not cl <u>Comp</u> 2-Pyr Speci Applic Expos Resul Rema	assified based on ava <u>conents:</u> rolidone: es cation Route sure time lt arks	ailable information. : Mouse : Ingestion : 18 month(s) : negative	
Not cl Comp 2-Pyr Speci Applic Expos Resul Rema oxyte Speci Applic	assified based on ava <u>conents:</u> rolidone: es cation Route sure time tarks etracycline: es cation Route sure time	ailable information. : Mouse : Ingestion : 18 month(s) : negative	
Not cl Comp 2-Pyr Speci Applic Expos Resul Rema oxyte Speci Applic Expos Resul Speci Applic Expos Resul Speci Applic Expos Resul Rema	assified based on ava <u>conents:</u> rolidone: es cation Route sure time t arks etracycline: es cation Route sure time t es cation Route sure time t es cation Route sure time t es cation Route sure time t es cation Route sure time t es cation Route sure time	ailable information. : Mouse : Ingestion : 18 month(s) : negative : Based on data : Oral : 104 weeks : negative : Rat : Oral : 103 weeks : equivocal : Adrenal gland,	

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



Version 3.4	Revision Date: 28.09.2024		lumber: 96-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
ment		cin	ogen	
Sodiu	um [2-[(2,6-dichloropl	nenyl)am	ino]phenyl]	acetate:
Speci	es	: Ra	t	
Applic	cation Route	: Or	al	
	sure time		'ears	
Resu	lt	: ne	gative	
Speci			ouse	
	cation Route	: Or		
	sure time		'ears	
Resu	IT	: ne	gative	
Prop	ylene glycol:			
Speci	es	: Ra	t	
	cation Route		jestion	
	sure time		'ears	
Resu	lt	: ne	gative	
Magn	esium oxide:			
Speci	es	: Mc	ouse	
Applic	cation Route	: Ing	jestion	
Expos	sure time	: 96	weeks	
Resu			gative	
Rema	arks	: Ba	sed on data	from similar materials
Repr	oductive toxicity			
May o	damage fertility. May d	amage th	e unborn chi	ild.
<u>Com</u>	oonents:			
•	rolidone:			
Effect	ts on fertility			e-generation reproduction toxicity study
			ecies: Rat	
				ute: Ingestion
			sult: positive	
		Re	marks: Base	ed on data from similar materials
Effect	ts on foetal develop-			bryo-foetal development
ment			ecies: Rat	
				ute: Ingestion
		Re	sult: positive	
Repro	oductive toxicity - As-	: Cle	ar evidence	of adverse effects on sexual function and ferti
sessn	-	ity,	based on a	nimal experiments., Clear evidence of adverse
				elopment, based on animal experiments.
oxvte	etracycline:			
-	ts on fertility	· To	st Type: Two	p-generation reproduction toxicity study
	o on rorality		ecies: Rat	s generation reproduction toxicity study

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



Version 3.4	Revision Date: 28.09.2024		Number: 196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
		F	Result: No effects	: Oral 18 mg/kg body weight on fertility, No effect on reproduction capac- adverse effects were reported
	Effects on foetal develop- ment		Species: Rat Application Route: Embryo-foetal toxi	o-foetal development : Oral icity: LOAEL: 48 mg/kg body weight ntation loss., Skeletal malformations
		S A C E F	Species: Rat Application Route: General Toxicity M Embryo-foetal toxi Result: No teratog	Aternal: LOAEL: 1,200 mg/kg body weight icity: NOAEL: 1,500 mg/kg body weight
		S A C E F	Species: Mouse Application Route: General Toxicity M Embryo-foetal toxi Result: No teratog	/laternal: LOAEL: 1,325 mg/kg body weight icity: NOAEL: 2,100 mg/kg body weight
		S A E	Species: Rabbit Application Route: Embryo-foetal toxi	o-foetal development : Intramuscular icity: LOAEL: 41.5 mg/kg body weight ntation loss., No foetal abnormalities
		S A E	Species: Dog Application Route: Embryo-foetal toxi	o-foetal development : Intramuscular icity: LOAEL: 20.75 mg/kg body weight nd visceral variations, Postimplantation loss.
	productive toxicity - As- ssment		Positive evidence numan epidemiolo	of adverse effects on development from ogical studies.
So	dium [2-[(2,6-dichloroph	enyl)a	mino]phenyl]ace	etate:
Eff	ects on fertility	S A F	Fest Type: Fertility Species: Rat, male Application Route: Fertility: NOAEL: 4 Result: No effects	e and female : Oral 4 mg/kg body weight
Eff me	ects on foetal develop- ent	S	Fest Type: Develo Species: Rat Application Route:	



Version 3.4	Revision Date: 28.09.2024		DS Number: 74196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
				oxicity: LOAEL: 1 mg/kg body weight oetal toxicity, No teratogenic effects
	roductive toxicity - As-	:	Suspected of dar	naging the unborn child.
Sod	ium hydroxymethanes	ulph	inate:	
	cts on fertility	:	Test Type: Comb reproduction/dev Species: Rat Application Route Method: OECD T Result: negative	ined repeated dose toxicity study with the elopmental toxicity screening test e: Ingestion Test Guideline 422 on data from similar materials
Effe men	cts on foetal develop- t	:	Species: Rat Application Route Method: OECD T Result: positive	yo-foetal development e: Ingestion est Guideline 414 on data from similar materials
•	roductive toxicity - As- sment	:	Some evidence o animal experime	of adverse effects on development, based on hts.
Pro	oylene glycol:			
-	cts on fertility	:	Test Type: Two-g Species: Mouse Application Route Result: negative	generation reproduction toxicity study e: Ingestion
Effe men	cts on foetal develop- t	:	Test Type: Embry Species: Mouse Application Route Result: negative	yo-foetal development e: Ingestion
Мао	nesium oxide:			
-	cts on fertility	:	reproduction/dev Species: Rat Application Route Method: OECD T Result: negative	ined repeated dose toxicity study with the elopmental toxicity screening test e: Ingestion Test Guideline 422 on data from similar materials
Effe	cts on foetal develop-	:	Test Type: Comb	ined repeated dose toxicity study with the

UK REACH Regulations SI 2019/758



Oxytetracycline / Diclofenac Formulation

Version	Revision Date: 28.09.2024	SDS Number:	Date of last issue: 06.04.2024
3.4		9374196-00008	Date of first issue: 27.08.2021
ment		Species: Rat Application Rou Method: OECD Result: negative	Test Guideline 422

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Components:

Sodium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate:						
Target Organs Assessment	:	Gastrointestinal tract, Blood, lymphatic system, Liver, Prostate Causes damage to organs through prolonged or repeated exposure.				

Repeated dose toxicity

Components:

2-Pyrrolidone:

Species	-	Rat
NOAEL		207 mg/kg
Application Route	:	Ingestion
Exposure time	:	3 Months
Method	:	OECD Test Guideline 408

oxytetracycline:

Rat 198 mg/kg Oral 13 Weeks Bone No significant adverse effects were reported
Mouse 7,990 mg/kg Oral 13 Weeks Bone No significant adverse effects were reported
Dog 125 mg/kg 250 mg/kg Oral 12 Months Testis

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



4	Revision Date: 28.09.2024	SDS Number: 9374196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
Rema	rks	: Significant tox	icity observed in testing
Speci	es	: Rat	
NOAE		: 40 mg/kg	
LOAE	Ľ	: 100 mg/kg	
	ation Route	: Intraperitonea	1
	sure time	: 14 Days	•
	t Organs	: Kidney	
Sodiu	ım [2-[(2,6-dichloro	phenyl)amino]phenyl]acetate:
Speci	es	: Rat	
LOAE		: 0.25 mg/kg	
	ation Route	: Oral	
	sure time	: 98 w	
	t Organs		al tract, Blood, lymphatic system, Liver, Prostat
Targe	lorgans	. Gasironnesin	ar tract, blood, lymphatic system, liver, Prostat
Speci		: Dog	
LOAE	L	: 1 mg/kg	
Applic	ation Route	: Oral	
Expos	sure time	: 12 w	
Targe	t Organs	: Blood	
Speci	es	: Baboon	
NOAE	EL	: 0.5 mg/kg	
LOAE	L	: 5 mg/kg	
Applic	ation Route	: Oral	
	sure time	: 52 w	
	t Organs	: Gastrointestin	al tract. Blood
Symp		: constipation, [
Sodiu	Im hvdroxvmethane	esulphinate:	
	Im hydroxymethane	•	
Speci	es	: Rat	
Speci NOAE	es EL	: Rat : 600 mg/kg	
Speci NOAE Applic	es EL cation Route	: Rat : 600 mg/kg : Ingestion	
Speci NOAE Applic Expos	es EL cation Route sure time	: Rat : 600 mg/kg : Ingestion : 90 Days	uideline 400
Specie NOAE Applic Expos Metho	es EL cation Route sure time od	: Rat : 600 mg/kg : Ingestion : 90 Days : OECD Test G	
Speci NOAE Applic Expos	es EL cation Route sure time od	: Rat : 600 mg/kg : Ingestion : 90 Days : OECD Test G	uideline 408 a from similar materials
Speci NOAE Applic Expos Metho Rema	es EL cation Route sure time od	: Rat : 600 mg/kg : Ingestion : 90 Days : OECD Test G	
Speci NOAE Applic Expos Metho Rema	es EL cation Route sure time od ırks /lene glycol:	: Rat : 600 mg/kg : Ingestion : 90 Days : OECD Test G	
Specie NOAE Applic Expos Metho Rema	es EL cation Route sure time od Irks /lene glycol: es	 Rat 600 mg/kg Ingestion 90 Days OECD Test G Based on data 	a from similar materials
Specie NOAE Applic Expos Metho Rema Propy Specie NOAE	es EL cation Route sure time od irks /lene glycol: es EL	 Rat 600 mg/kg Ingestion 90 Days OECD Test G Based on data Rat, male >= 1,700 mg/kg 	a from similar materials
Specie NOAE Applic Expos Metho Rema Propy Specie NOAE Applic	es EL cation Route sure time od Irks /lene glycol: es	 Rat 600 mg/kg Ingestion 90 Days OECD Test G Based on data Rat, male 	a from similar materials
Specie NOAE Applic Expos Metho Rema Propy Specie NOAE Applic Expos	es EL cation Route sure time od irks /lene glycol: es EL cation Route sure time	 Rat 600 mg/kg Ingestion 90 Days OECD Test G Based on data Rat, male >= 1,700 mg/k Ingestion 	a from similar materials
Specie NOAE Applic Expos Metho Rema Propy Specie NOAE Applic Expos	es EL cation Route sure time od irks /lene glycol: es EL cation Route sure time esium oxide:	 Rat 600 mg/kg Ingestion 90 Days OECD Test G Based on data Rat, male >= 1,700 mg/k Ingestion 2 yr 	a from similar materials
Specie NOAE Applic Expose Metho Rema Propy Specie NOAE Applic Expose Magn Specie	es EL cation Route sure time od urks /lene glycol: es EL cation Route sure time esium oxide: es	 Rat 600 mg/kg Ingestion 90 Days OECD Test G Based on data Rat, male >= 1,700 mg/k Ingestion 2 yr Rat	a from similar materials
Specie NOAE Applic Expos Metho Rema Propy Specie NOAE Applic Expos Magn Specie NOAE	es EL cation Route sure time od urks /lene glycol: es EL cation Route sure time esium oxide: es EL	 Rat 600 mg/kg Ingestion 90 Days OECD Test G Based on data Rat, male >= 1,700 mg/k Ingestion 2 yr Rat >= 1,000 mg/k 	a from similar materials
Specie NOAE Applic Expose Metho Rema Propy Specie NOAE Applic Expose Magn Specie NOAE Applic	es EL cation Route sure time od urks /lene glycol: es EL cation Route sure time es es EL cation Route cation Route	 Rat 600 mg/kg Ingestion 90 Days OECD Test G Based on data Rat, male >= 1,700 mg/k Ingestion 2 yr Rat >= 1,000 mg/k Ingestion 	a from similar materials
Specie NOAE Applic Expose Metho Rema Propy Specie NOAE Applic Expose Magn Specie NOAE Applic	es EL sation Route sure time od irks /lene glycol: es EL sation Route sure time es EL sation Route sure time	 Rat 600 mg/kg Ingestion 90 Days OECD Test G Based on data Rat, male >= 1,700 mg/k Ingestion 2 yr Rat >= 1,000 mg/k 	a from similar materials <g< td=""></g<>

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



Oxytetracycline / Diclofenac Formulation

arks	. Doood op do	
	. Dased on da	ta from similar materials
ration toxicity		
lassified based on ava	ilable information.	
rience with human e	kposure	
oonents:		
etracycline:		
tion		Gastrointestinal disturbance, tooth discoloration ay cause birth defects.
um [2-[(2,6-dichlorop	henyl)amino]phen	yl]acetate:
tion		Abdominal pain, Diarrhoea, constipation, heart- tion, Dizziness, Headache, Breathing difficulties,
	lassified based on ava rience with human ex ponents: etracycline: tion um [2-[(2,6-dichlorop) tion	lassified based on available information. rience with human exposure bonents: etracycline: tion : Symptoms: 0 Remarks: Ma um [2-[(2,6-dichlorophenyl)amino]phen tion : Symptoms: 7 burn, Ulcera

12.1 Toxicity

Components:		
2-Pyrrolidone:		
Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): > 4,600 - 10,000 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 500 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	ErC50 (Desmodesmus subspicatus (green algae)): > 500 mg/l Exposure time: 72 h
		EC10 (Desmodesmus subspicatus (green algae)): 22.2 mg/l Exposure time: 72 h
Toxicity to microorganisms	:	EC50 : > 1,000 mg/l Exposure time: 30 min Method: OECD Test Guideline 209
oxytetracycline:		
Toxicity to fish	:	LC50 (Oryzias latipes (Japanese medaka)): 110 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 621 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
		EC50 (Daphnia magna (Water flea)): 669 mg/l

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



Version 3.4	Revision Date: 28.09.2024		98 Number: 74196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
			Exposure time: 48 Method: OECD To	
Toxi plan	icity to algae/aquatic ts	:	EC50 (Anabaena) Exposure time: 72	
			NOEC (Anabaena Exposure time: 72	
M-F icity	actor (Acute aquatic tox-)	:	10	
Toxi	icity to microorganisms	:	EC50 : 17.9 mg/l Exposure time: 3 Test Type: Respir Method: OECD Te	ation inhibition
			NOEC : 0.2 mg/l Exposure time: 3 Test Type: Respir Method: OECD Te	ation inhibition
M-F toxic	actor (Chronic aquatic city)	:	10	
Sod	ium [2-[(2,6-dichlorophe	enyl)amino]phenyl]ac	etate:
Τοχ	icity to fish	:	LC50 (Pimephale Exposure time: 96 Method: OECD To	
	icity to daphnia and other atic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
Toxi plan	icity to algae/aquatic ts	:	EC50 (Pseudokiro mg/l Exposure time: 72 Method: OECD To	
			NOEC (Pseudokin mg/l Exposure time: 72 Method: OECD Te	
Toxi icity	icity to fish (Chronic tox-)	:	NOEC: 0.32 mg/l Exposure time: 32 Species: Pimepha Method: OECD To	ales promelas (fathead minnow)
aqua	icity to daphnia and other atic invertebrates (Chron- xicity)	:	NOEC: 10 mg/l Exposure time: 21 Species: Daphnia	l d magna (Water flea)

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



ersion .4	Revision Date: 28.09.2024	-	9S Number: 74196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021		
			Method: OECD	Test Guideline 211		
Sodiu	ım hydroxymethanesu	lphi	inate:			
Toxici	ity to fish	:	 LC50 (Leuciscus idus (Golden orfe)): > 10,000 mg/l Exposure time: 96 h Remarks: Based on data from similar materials 			
	Toxicity to daphnia and other aquatic invertebrates		Exposure time: 4 Method: OECD	magna (Water flea)): > 100 mg/l l8 h Test Guideline 202 l on data from similar materials		
	Toxicity to algae/aquatic plants		Exposure time: 7 Method: OECD	esmus subspicatus (green algae)): 370 mg/l 72 h Test Guideline 201 I on data from similar materials		
Toxici	ity to microorganisms	:	: EC50 : > 1,000 mg/l Exposure time: 4 h Remarks: Based on data from similar materials			
Toxici icity)	ity to fish (Chronic tox-	Method: OEC				
aquat	Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)		Method: OECD	21 d a magna (Water flea) Test Guideline 211 I on data from similar materials		
	Propylene glycol: Toxicity to fish		LC50 (Oncorhyn Exposure time: 9	chus mykiss (rainbow trout)): 40,613 mg/l 96 h		
	ity to daphnia and other ic invertebrates	:	EC50 (Ceriodap Exposure time: 4	hnia dubia (water flea)): 18,340 mg/l I8 h		
Toxici plants	ity to algae/aquatic	:	 ErC50 (Skeletonema costatum (marine diatom)): 19,300 n Exposure time: 72 h Method: OECD Test Guideline 201 			
Toxici	ity to microorganisms	:	NOEC (Pseudor Exposure time: 1	nonas putida): > 20,000 mg/l 8 h		
	ity to daphnia and other ic invertebrates (Chron- icity)	:	NOEC: 13,020 n Exposure time: 7 Species: Cerioda			

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

Versio 3.4	on	Revision Date: 28.09.2024	-	0S Number: 74196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021	
Ν	Magnes	sium oxide:				
	Foxicity		:	Exposure time: 96	s promelas (fathead minnow)): > 100 mg/l 5 h on data from similar materials	
		to daphnia and other invertebrates	:	Exposure time: 48	agna (Water flea)): > 100 mg/l 3 h on data from similar materials	
	Foxicity plants	to algae/aquatic	:	EL50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l Exposure time: 72 h Test substance: Water Accommodated Fraction Method: OECD Test Guideline 201 Remarks: Based on data from similar materials		
Т	Foxicity	to microorganisms	:	EC50 : > 100 mg/ Exposure time: 3 Method: OECD T Remarks: Based	h	
12.2 F	12.2 Persistence and degradability					
<u>c</u>	Components:					
2	2-Pyrrolidone:					
E	Biodegr	adability	:		odegradable. on data from similar materials	
5	Sodium hydroxymethanesulphinate:					
E	Biodegr	adability	 Result: Readily biodegradable. Biodegradation: 77 % Exposure time: 28 d Method: OECD Test Guideline 301B Remarks: Based on data from similar materials 		77 % 3 d est Guideline 301B	
F	Propyle	ene glycol:				
E	Biodegr	adability	:	Result: Readily bi Biodegradation: 9 Exposure time: 28 Method: OECD T	98.3 %	
12.3 E	Bioacc	umulative potential				
<u>c</u>	Compo	nents:				
F	-	l idone: n coefficient: n- /water	:	log Pow: -0.71 Method: OECD T	est Guideline 107	

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



Oxytetracycline / Diclofenac Formulation

Version 3.4	Revision Date: 28.09.2024	SDS Number: 9374196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021		
Sodi	um [2-[(2,6-dichloroph	enyl)amino]phenyl]acetate:		
	ion coefficient: n- ol/water	: log Pow: 4.51			
Prop	ylene glycol:				
	ion coefficient: n- ol/water	: log Pow: -1.07 Method: Regul	lation (EC) No. 440/2008, Annex, A.8		
12.4 Mobi	ility in soil				
No da	ata available				
12.5 Resi	Ilts of PBT and vPvB a	ssessment			
Prod	uct:				
Assessment :		to be either pe very persistent	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.		
12.6 Othe	r adverse effects				
Prod	uct:				
Endo tial	crine disrupting poten-	ered to have e	e/mixture does not contain components consid- ndocrine disrupting properties for environment K REACH Article 57(f).		
SECTION	N 13: Disposal consi	derations			
13.1 Wast	te treatment methods				
Produ		: Dispose of in a	accordance with local regulations.		

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



Versior 3.4	n Revision Date: 28.09.2024		DS Number: 74196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
14.2 UI	N proper shipping name			
A	DN	:	ENVIRONMENTA N.O.S. (oxytetracycline)	ALLY HAZARDOUS SUBSTANCE, LIQUID,
A	DR	:	ENVIRONMENTA N.O.S. (oxytetracycline)	ALLY HAZARDOUS SUBSTANCE, LIQUID,
RI	D	:	ENVIRONMENTA N.O.S. (oxytetracycline)	ALLY HAZARDOUS SUBSTANCE, LIQUID,
IM	DG	:	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (oxytetracycline)	
IA	ТА	:	Environmentally h (oxytetracycline)	nazardous substance, liquid, n.o.s.
14.3 Tr	ansport hazard class(es)			
			Class	Subsidiary risks
A	DN	:	9	
A	DR	:	9	
RI	D	:	9	
IM	DG	:	9	
IA	ТА	:	9	
14.4 Pa	acking group			
Pa Cli Ha	DN acking group assification Code azard Identification Number bels	:	III M6 90 9	
Pa Cli Ha La	DR acking group assification Code azard Identification Number bels unnel restriction code	:	III M6 90 9 (-)	
RI Pa Cli Ha		:	III M6 90 9	
Pa La	DG acking group bels nS Code	:	III 9 F-A, S-F	

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



Oxytetracycline / Diclofenac Formulation

Vers 3.4	ion	Revision Date: 28.09.2024	SDS Number: 9374196-00008		Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
	aircraft Packing	g instruction (cargo		964 Y964 III Miscellaneous	
	Packing ger airc Packing	Passenger) g instruction (passen- craft) g instruction (LQ) g group		964 Y964 III Miscellaneous	
14.5	Enviro	nmental hazards			
	ADR	nmentally hazardous	:	yes	
	RID	mentally hazardous	:	yes	
	IMDG Marine	pollutant	:	yes	
		Passenger) Imentally hazardous	:	yes	
	IATA (Enviror	Cargo) Imentally hazardous	:	yes	
14.6	Specia	I precautions for use	er		

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.

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

Remarks

: Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	lowin	itions of restriction for the fol- g entries should be considered: per on list 3
	Subs	tance(s) or mixture(s) are listed

here according to their appearance in the regulation, irrespective of their

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



Oxytetracycline / Diclofenac Formulation

Version 3.4	Revision Date: 28.09.2024	SDS Number: 9374196-00008		of last issue: 06.04.2024 of first issue: 27.08.2021	
				use/purpose or the conditions of the restriction. Please refer to the condi- tions in corresponding Regulation to determine whether an entry is appli- cable to the placing on the market or not.	
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation				: Not applicable	
The Persistent Organic Pollutants Regulations (retain Regulation (EU) 2019/1021 as amended for Great Br ain)				: Not applicable	
Regulation (EC) on substances that deplete the ozone layer			ne :	: Not applicable	
UK REACH List of substances subject to authorisation (Annex XIV)			ion :	: Not applicable	
GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation			or :	: Not applicable	
Control of Major Accident Hazards Regulations 2015 (COMAH)					
E1		ENVIRONMENT/ HAZARDS	AL	Quantity 1 Quantity 2 100 t 200 t	

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.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

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 previous version
		are highlighted in the body of this document by two vertical
		lines.

Full text of H-Statements

H301 :	Toxic if swallowed.
H315 :	Causes skin irritation.
H317 :	May cause an allergic skin reaction.
H319 :	Causes serious eye irritation.

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



Oxytetracycline / Diclofenac Formulation

Version 3.4	Revision Date: 28.09.2024		DS Number: 74196-00008	Date of last issue: 06.04.2024 Date of first issue: 27.08.2021
H341 H360D H360F H361d H372 H400 H410 H411			May damage the May damage fertil Suspected of dam Causes damage t exposure. Very toxic to aqua Very toxic to aqua	lity. May damage the unborn child. haging the unborn child. o organs through prolonged or repeated
Full te	xt of other abbreviati	ons		
Eye Irri Muta. Repr. Skin Irr Skin Se STOT GB EH	c Acute c Chronic it. it. ens. RE		UK. EH40 WEL -	c) aquatic hazard nicity city

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; 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

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



Oxytetracycline / Diclofenac Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.4	28.09.2024	9374196-00008	Date of first issue: 27.08.2021

- 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 compile the Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/	
Classification of the mixtur	e:		Classification procedure:
Eye Irrit. 2	H3	19	Calculation method
Skin Sens. 1	H3	17	Calculation method
Repr. 1A	H3	60FD	Calculation method
STOT RE 2	H3	73	Calculation method
Aquatic Acute 1	H4	00	Calculation method
Aquatic Chronic 1	H4	10	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.

GB / EN