

Version	Revision Date:	SDS Number:	Date of last issue: 2024/04/06
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### **1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	:	Oxytetracycline / Diclofenac Liquid Formulation
Manufacturer or supplier's de Company	etai :	ils MSD
Address	:	No. 485 Jing Tai Road Pu Tuo District - Shanghai - China 200331
Telephone	:	+1-908-740-4000
Emergency telephone number	:	86-571-87268110
E-mail address	:	EHSDATASTEWARD@msd.com
Recommended use of the ch	em	ical and restrictions on use
Recommended use Restrictions on use	:	Veterinary product Not applicable

### 2. HAZARDS IDENTIFICATION

### Emergency Overview

Appearance Colour Odour	::	liquid light brown No data available
		n. Causes serious eye irritation. May damage fertility. May kic to aquatic life with long lasting effects.
GHS Classification Serious eye damage/eye irri- tation	:	Category 2A
Skin sensitisation	:	Category 1
Reproductive toxicity	:	Category 1A
Short-term (acute) aquatic hazard	:	Category 1
Long-term (chronic) aquatic hazard	:	Category 1



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	<b>label elements</b> rd pictograms		!
Signa	l word	: Danger	• •
Hazaı	d statements	H319 Causes H360FD May o	se an allergic skin reaction. serious eye irritation. damage fertility. May damage the unborn child. ic to aquatic life with long lasting effects.
Preca	utionary statements	P202 Do not h and understoo P261 Avoid br P264 Wash sk P272 Contami the workplace. P273 Avoid rel	eathing mist or vapours. in thoroughly after handling. nated work clothing should not be allowed out of lease to the environment. otective gloves/ protective clothing/ eye protec-
		P305 + P351 + for several min easy to do. Co P308 + P313 I attention. P333 + P313 I vice/ attention. P337 + P313 I tention. P362 + P364 T reuse. P391 Collect s <b>Storage:</b> P405 Store loc <b>Disposal:</b>	F exposed or concerned: Get medical advice/ f skin irritation or rash occurs: Get medical ad- f eye irritation persists: Get medical advice/ at- Take off contaminated clothing and wash it before pillage. cked up.

### Physical and chemical hazards

Not classified based on available information.



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#### Health hazards

Causes serious eye irritation. May cause an allergic skin reaction. May damage fertility. May damage the unborn child.

### **Environmental hazards**

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

#### Other hazards which do not result in classification

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
2-Pyrrolidone	616-45-5	>= 30 -< 50
oxytetracycline	79-57-2	>= 20 -< 25
Benzyl alcohol	100-51-6	>= 1 -< 10
Magnesium oxide	1309-48-4	>= 1 -< 10
Sodium [2-[(2,6-	15307-79-6	>= 0.25 -< 1
dichlorophenyl)amino]phenyl]acetate		
Sodium hydroxymethanesulphinate	149-44-0	>= 0.1 -< 1

#### 4. 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.
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	:	
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed Protection of first-aiders	:	



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1	Notes to physician		:	when the potentia	nmended personal protective equipment I for exposure exists (see section 8). cally and supportively.
5. FIF	REFIGI	HTING MEASURES			
S	Suitable extinguishing media		:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical	
	Unsuitable extinguishing media		:	None known.	
	Specific fighting	c hazards during fire-	:	Exposure to comb	pustion products may be a hazard to health.
	Hazard ucts	lous combustion prod-	:	Carbon oxides Nitrogen oxides (I	NOx)
	Specific extinguishing meth- ods		:	cumstances and t Use water spray t	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do
	Special protective equipment for firefighters		:		e, wear self-contained breathing apparatus. ective equipment.

### 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 pro- tective 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	:	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.



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		t L F F F F S	bent. Local or national loosal of this mate employed in the c mine which regula Sections 13 and 1	ng materials from spill with suitable absor- regulations may apply to releases and dis- rial, as well as those materials and items cleanup of releases. You will need to deter- ations are applicable. IS of this SDS provide information regarding ational requirements.
7. HANDL	ING AND STORAGE			
Hanc	lling			
	nical measures			measures under EXPOSURE SONAL PROTECTION section.
Loca	I/Total ventilation	: 1		ation is unavailable, use with local exhaust
Advic	ce on safe handling	/ [               	Handle in accorda practice, based or sessment Keep container tig	hist or vapours. s. ghly after handling. ance with good industrial hygiene and safety n the results of the workplace exposure as-
Avoid	dance of contact		: Oxidizing agents	
Stora	age			
	litions for safe storage	S F	Store locked up. Keep tightly close	abelled containers. d. ice with the particular national regulations.
Mate	rials to avoid	: [		the following product types:

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Packaging material

#### Components with workplace control parameters

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

: Unsuitable material: None known.



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		Wipe limit	100 µg/100 cm²	Internal
Magnesium oxide	1309-48-4	PC-TWA	10 mg/m3	CN OEL
		(Fumes)		
		TWA (Inhal- able particu-	10 mg/m3	ACGIH
		late matter)		
Sodium [2-[(2,6- dichloro-	15307-79-6	TWA	100 µg/m3 (OEB 2)	Internal
phenyl)amino]phenyl]acetate				
	Further inform	ation: Skin		

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 equipmen	t
Respiratory protection :	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection.
	Combined particulates and organic vapour type
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.
Skin and body protection Hand protection	:	Work uniform or laboratory coat.
Material	:	Chemical-resistant gloves
Hygiene measures	:	If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the work- ing place. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated 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.

### 9. PHYSICAL AND CHEMICAL PROPERTIES



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	Appeara	ance	:	liquid	
	Colour		:	light brown	
	Odour		:	No data available	9
	Odour T	hreshold	:	No data available	9
	рН		:	8.3 - 9.0 (as aqueous solu	ition)
	Melting	point/freezing point	:	No data available	)
	Initial bo range	piling point and boiling	:	No data available	
	Flash po	pint	:	No data available	)
	Evapora	ation rate	:	No data available	)
	Flamma	bility (solid, gas)	:	Not applicable	
	Flamma	bility (liquids)	:	No data available	)
		xplosion limit / Upper pility limit	:	No data available	9
		explosion limit / Lower pility limit	:	No data available	9
	Vapour	pressure	:	No data available	9
	Relative	vapour density	:	No data available	)
	Relative	density	:	No data available	)
	Density		:	1.05 - 1.18 g/cm <sup>3</sup>	
	Solubilit Wate	y(ies) er solubility	:	soluble	
	Partitior octanol/	n coefficient: n-	:	No data available	9
		nition temperature	:	No data available	9
	Decomp	oosition temperature	:	No data available	)
	Viscosit Visco	y osity, kinematic	:	47.62 mm2/s	



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Explo	sive properties	:	Not explosive	
Oxidiz	zing properties	:	The substance of	r mixture is not classified as oxidizing.
Molec	cular weight	:	No data available	e
	le characteristics le size	:	Not applicable	
0. STABI	LITY AND REACTIVITY	(		
Possi tions Condi Incom	nical stability bility of hazardous reac- itions to avoid apatible materials		Stable under nor Can react with so None known. Oxidizing agents	trong oxidizing agents.
Hazaı produ	rdous decomposition	•		
produ				
produ 1. TOXIC	icts	FION :		
produ 1. TOXIC Expos Acute	Cological INFORMAT Soure routes	:	Inhalation Skin contact Ingestion Eye contact	
produ 1. TOXIC Expos Acute Not cl	COLOGICAL INFORMAT Sure routes toxicity lassified based on availa	:	Inhalation Skin contact Ingestion Eye contact	
produ 1. TOXIC Expos Acute Not cl <u>Prode</u>	COLOGICAL INFORMAT Sure routes toxicity lassified based on availa	: Ible i	I Inhalation Skin contact Ingestion Eye contact Information.	imate: > 5,000 mg/kg
Produ 1. TOXIC Expose Acute Not cl <u>Produ</u> Acute	Cological INFORMAT Sure routes toxicity lassified based on availa	: Ible i	I Inhalation Skin contact Ingestion Eye contact Information. Acute toxicity esti	imate: > 5,000 mg/kg
Produ 1. TOXIC Expose Acute Not cl <u>Produ</u> Acute	Cological INFORMAT Sure routes toxicity lassified based on availa uct: oral toxicity	: Ible i	I Inhalation Skin contact Ingestion Eye contact Information. Acute toxicity esti	imate: > 5,000 mg/kg
Produ 1. TOXIC Expose Acute Not cl <u>Produ</u> Acute <u>Comp</u> 2-Pyr	Concents:	: ble i :	Inhalation Skin contact Ingestion Eye contact Information. Acute toxicity est Method: Calculati LD50 (Rat): > 2,0 Method: OECD T	imate: > 5,000 mg/kg ion method

oxytetracycline:



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	Acute of	oral toxicity	:	LD50 (Rat): 4,800	mg/kg
				LD50 (Mouse): 2, Remarks: Evidenc	240 mg/kg ce of phototoxicity was observed
	Acute i	nhalation toxicity	:	Remarks: No data	a available
	Acute o	dermal toxicity	:	Remarks: No data	a available
		oxicity (other routes of stration)	:	LD50 (Rat): 4,840 Application Route	
				LD50 (Mouse): 3, Application Route	
	Benzy	l alcohol:			
	Acute o	oral toxicity	:	LD50 (Rat): 1,200	mg/kg
	Acute i	nhalation toxicity	:	LC50 (Rat): > 5.4 Exposure time: 4 Test atmosphere: Method: OECD Te Assessment: The tion toxicity	h dust/mist
	Magne	sium oxide:			
	Acute o	oral toxicity	:	icity	
	Acute i	nhalation toxicity	:	Exposure time: 4 Test atmosphere: Method: OECD Te	h dust/mist
	-	n [2-[(2,6-dichlorophe			
	Acute of	oral toxicity	:	LD50 (Rat): 55 - 2	240 mg/kg
				LD50 (Mouse): 17	'0 - 389 mg/kg
		oxicity (other routes of stration)	:	LD50 (Rat): 97 - 1 Application Route	

LD50 (Mouse): 92 - 147 mg/kg Application Route: Intravenous



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### 

### Sodium hydroxymethanesulphinate:

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 423 Assessment: The substance or mixture has no acute oral tox- icity
Acute dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute dermal toxicity

### Skin corrosion/irritation

Not classified based on available information.

### **Components:**

### 2-Pyrrolidone:

Species: RabbitMethod: OECD TesResult: No skin irrit	Guideline 404 ation
--	---------------------

### oxytetracycline:

Remarks

: No data available

### Benzyl alcohol:

Species	: Rabbit
Method	: OECD Test Guideline 404
Species Method Result	: No skin irritation

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

Result : irritating

### Sodium hydroxymethanesulphinate:

Species Result	:	Rat
Result	:	No skin irritation

### Serious eye damage/eye irritation

Causes serious eye irritation.

### **Components:**

### 2-Pyrrolidone:

- Result Remarks
- : Irritation to eyes, reversing within 21 days
- : Based on national or regional regulation.



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oxytetracycline:	: No data available
<b>Benzyl alcohol:</b> Species Result Method	<ul> <li>Rabbit</li> <li>Irritation to eyes, reversing within 21 days</li> <li>OECD Test Guideline 405</li> </ul>
<b>Magnesium oxide:</b> Species Result Method Remarks	<ul> <li>Rabbit</li> <li>No eye irritation</li> <li>OECD Test Guideline 405</li> <li>Based on data from similar materials</li> </ul>

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

Result	:	Mild eye irritation

### Sodium hydroxymethanesulphinate:

Species	: Rabbit
Result	: No eye irritation
Species Result Method	: OECD Test Guideline 405

#### Respiratory or skin sensitisation

#### Skin sensitisation

May cause an allergic skin reaction.

### Respiratory sensitisation

Not classified based on available information.

### Components:

#### 2-Pyrrolidone:

Local lymph node assay (LLNA)
Skin contact
Mouse
OECD Test Guideline 429
negative
Based on data from similar materials

#### oxytetracycline:

Test Type Result	:	Human repeat insult patch test (HRIPT)
Result	:	Sensitiser



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Test T	sure routes es	: Human repeat in : Skin contact : Humans : positive	nsult patch test (HRIPT)

rate in humans

: Probability or evidence of low to moderate skin sensitisation

### Magnesium oxide:

Assessment

:	Maximisation Test
:	Skin contact
:	Guinea pig
:	OECD Test Guideline 406
:	negative
:	Based on data from similar materials
	:

### Sodium hydroxymethanesulphinate:

Test Type	: Maximisation Test
Exposure routes	: Skin contact
Species	: Guinea pig
Method	: OECD Test Guideline 406
Test Type Exposure routes Species Method Result	: negative

### Germ cell mutagenicity

Not classified based on available information.

### **Components:**

### 2-Pyrrolidone:

Genotoxicity in vitro :	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
	Test Type: In vitro mammalian cell gene mutation test Method: OECD Test Guideline 476 Result: negative Remarks: Based on data from similar materials
	Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473 Result: negative
Genotoxicity in vivo :	Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Mouse Application Route: Intraperitoneal injection Method: OECD Test Guideline 474 Result: negative



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oxytetracycline:		
Genotoxicity in vitro	:	Test Type: Microbial mutagenesis assay (Ames test) Result: negative
		Test Type: Mouse Lymphoma Metabolic activation: Metabolic activation Result: positive
		Test Type: sister chromatid exchange assay Test system: Chinese hamster ovary cells Result: equivocal
		Test Type: Chromosomal aberration Result: negative
Genotoxicity 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
Germ cell mutagenicity - Assessment	:	Weight of evidence does not support classification as a germ cell mutagen.
Benzyl alcohol:		
Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
Genotoxicity in vivo	:	Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Mouse Application Route: Intraperitoneal injection Result: negative
Magnesium oxide:		
Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative Remarks: Based on data from similar materials
		Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473



ersion 0	Revision Date: 2024/09/28	-	S Number: 3807-00020	Date of last issue: 2024/04/06 Date of first issue: 2017/02/20
			Test Type: In vitr Method: OECD ⊺ Result: negative	on data from similar materials o mammalian cell gene mutation test Fest Guideline 476 on data from similar materials
Sodiu	um [2-[(2,6-dichlorop	henyl)	amino]phenyl]a	cetate:
	otoxicity in vitro	:		erial reverse mutation assay (AMES)
			Test Type: Mous Result: negative	e Lymphoma
Geno	otoxicity in vivo		Test Type: Chron Species: CHO Result: negative	nosomal aberration
Sodiu	um hydroxymethane	sulphir	nate:	
	otoxicity in vitro	:	Test Type: Bacte	erial reverse mutation assay (AMES) Fest Guideline 471
				o mammalian cell gene mutation test Test Guideline 476
Geno	otoxicity in vivo		cytogenetic assa Species: Mouse Application Rout	malian erythrocyte micronucleus test (in vivo y) e: Intraperitoneal injection Fest Guideline 474
	n cell mutagenicity - ssment		Positive result(s) genicity tests.	from in vivo mammalian somatic cell muta-
	inogenicity lassified based on ava	ailable i	nformation.	
	ponents:			
	rrolidone:			
Spec Appli	ies cation Route sure time	:	Mouse Ingestion 18 month(s) negative	



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Rema	arks	: Based on data	from similar materials
	P		
	etracycline:		
Spec	cation Route	: Mouse : Oral	
	sure time	: 104 weeks	
Resu		: negative	
Spec	ies	: Rat	
	cation Route	: Oral	
	sure time	: 103 weeks	
Resu	iit et Organs	: equivocal : Adrenal gland,	Pituitany gland
Rema	arks		n or mode of action may not be relevant in hu-
Carci ment	inogenicity - Assess-	: Weight of evide cinogen	ence does not support classification as a car-
Benz	yl alcohol:		
Spec		: Mouse	
	cation Route	: Ingestion	
	sure time	: 103 weeks	
Meth		: OECD Test Gu	lideline 451
Resu	III	: negative	
	nesium oxide:		
Spec		: Mouse	
	cation Route	: Ingestion	
Expo Resu	sure time	: 96 weeks	
Rema		: negative : Based on data	from similar materials
Sodi	um [2-[(2,6-dichloroph	nenvl)amino]phenvl]	acetate:
Spec		: Rat	
Appli	cation Route	: Oral	
Expo	sure time	: 2 Years	
Resu	ilt	: negative	
Spec		: Mouse	
Appli	cation Route	: Oral	
Expo Resu	sure time	: 2 Years	
Resu	int int	: negative	

### Reproductive toxicity

May damage fertility. May damage the unborn child.



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### Components:

2-Pyrrolidone:		
Effects on fertility	:	Test Type: One-generation reproduction toxicity study Species: Rat Application Route: Ingestion Result: positive Remarks: Based on data from similar materials
Effects on foetal develop- ment	:	Test Type: Embryo-foetal development Species: Rat Application Route: Ingestion Result: positive
Reproductive toxicity - As- sessment	:	Clear evidence of adverse effects on sexual function and fertil- ity, based on animal experiments., Clear evidence of adverse effects on development, based on animal experiments.
oxytetracycline:		
Effects on fertility	:	Test Type: Two-generation reproduction toxicity study Species: Rat Application Route: Oral Fertility: NOAEL: 18 mg/kg body weight Result: No effects on fertility, No effect on reproduction capac- ity, No significant adverse effects were reported
Effects on foetal develop- ment	:	Test Type: Embryo-foetal development Species: Rat Application Route: Oral Embryo-foetal toxicity: LOAEL: 48 mg/kg body weight Result: Postimplantation loss., Skeletal malformations Test Type: Embryo-foetal development Species: Rat Application Route: Oral General Toxicity Maternal: LOAEL: 1,200 mg/kg body weight Embryo-foetal toxicity: NOAEL: 1,500 mg/kg body weight Result: No teratogenic effects Remarks: Maternal toxicity observed. Test Type: Embryo-foetal development Species: Mouse Application Route: Oral General Toxicity Maternal: LOAEL: 1,325 mg/kg body weight Embryo-foetal toxicity: NOAEL: 2,100 mg/kg body weight Embryo-foetal toxicity: NOAEL: 2,100 mg/kg body weight
		Result: No teratogenic effects Remarks: Maternal toxicity observed. Test Type: Embryo-foetal development



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	roductive toxicity - As-	Embryo-foetal Result: Postim Test Type: Em Species: Dog Application Ro Embryo-foetal Result: Skeleta : Positive evider	it ute: Intramuscular toxicity: LOAEL: 41.5 mg/kg body weight plantation loss., No foetal abnormalities bryo-foetal development ute: Intramuscular toxicity: LOAEL: 20.75 mg/kg body weight and visceral variations, Postimplantation loss. nce of adverse effects on development from iological studies.
II Bon	zyl alcohol:		
	cts on fertility	Species: Rat Application Ro Result: negativ	
Effeo men	cts on foetal develop- t	: Test Type: Em Species: Mous Application Ro Result: negativ	ute: Ingestion
Mag	nesium oxide:		
Effe	cts on fertility	reproduction/d Species: Rat Application Ro Method: OECE Result: negativ	Test Guideline 422
Effec men	cts on foetal develop- t	reproduction/d Species: Rat Application Ro Method: OECE Result: negativ	) Test Guideline 422
Sod	ium [2-[(2,6-dichloroph	enyl)amino]phenyl]	acetate:
Effe	cts on fertility	Application Ro	nale and female



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П			Result: No effects	s on fertility
Effects ment	on foetal develop-	:	Test Type: Develo Species: Rat Application Route Developmental To Result: Embryo-fo Test Type: Develo Species: Rabbit Application Route Developmental To	opment e: Oral oxicity: LOAEL: 1 mg/kg body weight oetal toxicity, No teratogenic effects opment
Reproc sessm	ductive toxicity - As- ent	:	Suspected of dam	naging the unborn child.
Sodiur	n hydroxymethanesu	lph	inate:	
Effects	on fertility	:		
Effects ment	on foetal develop-	:	Test Type: Embry Species: Rat Application Route Method: OECD To Result: positive	
Reproc sessmo	ductive toxicity - As- ent	:	Some evidence o animal experimen	f adverse effects on development, based on its.

### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.

Components:

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

Target Organs Assessment	: Gastrointestinal tract, Blood, lymphatic system, Liver, Prosta	ate
Assessment	: Causes damage to organs through prolonged or repeated	
	exposure.	



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### Repeated dose toxicity

### **Components:**

### 2-Pyrrolidone:

Species NOAEL Application Route Exposure time Method	<ul> <li>Rat</li> <li>207 mg/kg</li> <li>Ingestion</li> <li>3 Months</li> <li>OECD Test Guideline 408</li> </ul>
oxytetracycline: Species LOAEL Application Route Exposure time Target Organs Remarks	<ul> <li>Rat</li> <li>198 mg/kg</li> <li>Oral</li> <li>13 Weeks</li> <li>Bone</li> <li>No significant adverse effects were reported</li> </ul>
Species LOAEL Application Route Exposure time Target Organs Remarks	<ul> <li>Mouse</li> <li>7,990 mg/kg</li> <li>Oral</li> <li>13 Weeks</li> <li>Bone</li> <li>No significant adverse effects were reported</li> </ul>
Species NOAEL LOAEL Application Route Exposure time Target Organs Remarks	<ul> <li>Dog</li> <li>125 mg/kg</li> <li>250 mg/kg</li> <li>Oral</li> <li>12 Months</li> <li>Testis</li> <li>Significant toxicity observed in testing</li> </ul>
Species NOAEL LOAEL Application Route Exposure time Target Organs	<ul> <li>Rat</li> <li>40 mg/kg</li> <li>100 mg/kg</li> <li>Intraperitoneal</li> <li>14 Days</li> <li>Kidney</li> </ul>
Benzyl alcohol: Species NOAEL Application Route Exposure time Method	<ul> <li>Rat</li> <li>1.072 mg/l</li> <li>inhalation (dust/mist/fume)</li> <li>28 Days</li> <li>OECD Test Guideline 412</li> </ul>



# **Oxytetracycline / Diclofenac Liquid Formula**tion

Magnesium oxide:Species:RatNOAEL:>= 1,000 mg/kgApplication Route:IngestionExposure time:28 DaysMethod:OECD Test Guideline 407Remarks:Based on data from similar materialsSocium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate:Species:RatLOAEL:0.25 mg/kgApplication Route:OralExposure time:98 wTarget Organs:Gastrointestinal tract, Blood, lymphatic system, Liver, ProstSpecies:DogLOAEL:1 mg/kgApplication Route:OralExposure time:12 wTarget Organs:BloodSpecies:DaboonNOAEL::Target Organs:Gastrointestinal tract, BloodSpecies:BaboonNOAEL::Target Organs:Gastrointestinal tract, BloodSpecies::Species:Gastrointestinal tract, BloodSpecies:Species:Species:Species:Species:Species:BloodNOAEL:Species:Species:Species:Species:Species:Species:	/ersion 3.0	Revision Date: 2024/09/28	SDS Number: 1313807-00020	Date of last issue: 2024/04/06 Date of first issue: 2017/02/20
Species:RatNOAEL:>= 1,000 mg/kgApplication Route:IngestionExposure time:28 DaysMethod:OECD Test Guideline 407Remarks:Based on data from similar materialsSodium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate:Species:RatLOAEL:0.25 mg/kgApplication Route:OralExposure time:98 wTarget Organs:Gastrointestinal tract, Blood, lymphatic system, Liver, ProsSpecies:DogLOAEL:1 mg/kgApplication Route:OralExposure time:12 wTarget Organs:BloodSpecies:BaboonNOAEL:0.5 mg/kgLOAEL:5 mg/kgLOAEL:5 mg/kgLOAEL:5 mg/kgLOAEL:5 mg/kgLOAEL:5 mg/kgLOAEL:5 mg/kgLOAEL:5 constipation, DiarrhoeaSocium hydroxymethanesulphinate:SpeciesSpecies:RatNOAEL::Motor::Species:Species:Replication Route:Motor:Species:Replication Route:Motor:Species:Species:Re				
NOAEL:>= 1,000 mg/kgApplication Route:IngestionExposure time:28 DaysMethod:OECD Test Guideline 407Remarks:Based on data from similar materialsSodium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate:Species:Rat:LOAEL:0.25 mg/kgApplication Route::: <td></td> <td></td> <td></td> <td></td>				
Application Route       :       Ingestion         Exposure time       :       28 Days         Method       :       OECD Test Guideline 407         Remarks       :       Based on data from similar materials         Sodium [2-[(2,6-dichlorophenyl]amino]phenyl]acetate:         Species       :       Rat         LOAEL       :       0.25 mg/kg         Application Route       :       Oral         Exposure time       :       98 w         Target Organs       :       Gastrointestinal tract, Blood, lymphatic system, Liver, Prost         Species       :       Dog         LOAEL       :       1 mg/kg         Application Route       :       Oral         Exposure time       :       12 w         Target Organs       :       Blood         Species       :       Baboon         NOAEL       :       0 ral         Exposure time       :       52 w         Target Organs       :       Gastrointestinal tract, Blood         Species       :       Baboon         NOAEL       :       5 mg/kg         Application Route       :       Oral         Exposure time       :				
Exposure time       : 28 Days         Method       : OECD Test Guideline 407         Remarks       : Based on data from similar materials         Sodium [2-[(2,6-dichlorophenyl]amino]phenyl]acetate:         Species       : Rat         LOAEL       : 0.25 mg/kg         Application Route       : Oral         Exposure time       : 98 w         Target Organs       : Gastrointestinal tract, Blood, lymphatic system, Liver, Prost         Species       : Dog         LOAEL       : 1 mg/kg         Application Route       : 12 w         Target Organs       : Blood         Species       : Baboon         NOAEL       : 0.5 mg/kg         LOAEL       : 5 mg/kg         Application Route       : Oral         Exposure time       : 12 w         Target Organs       : Blood         Species       : Baboon         NOAEL       : 0.5 mg/kg         LOAEL       : 5 mg/kg         Application Route       : Oral         Exposure time       : 52 w         Target Organs       : Gastrointestinal tract, Blood         Symptoms       : constipation, Diarrhoea         Species       : Rat         NOAEL				
Method       : OECD Test Guideline 407         Remarks       : Based on data from similar materials         Sodium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate:         Species       : Rat         LOAEL       : 0.25 mg/kg         Application Route       : Oral         Exposure time       : 98 w         Target Organs       : Gastrointestinal tract, Blood, lymphatic system, Liver, Prost         Species       : Dog         LOAEL       : 1 mg/kg         Application Route       : Oral         Exposure time       : 1 mg/kg         Application Route       : Oral         Exposure time       : 1 mg/kg         Application Route       : Oral         Exposure time       : 1 2 w         Target Organs       : Blood         Species       : Baboon         NOAEL       : 0.5 mg/kg         LOAEL       : 0.5 mg/kg         Application Route       : 0.5 mg/kg         Koppitoretime				
Remarks       :       Based on data from similar materials         Sodium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate:         Species       :       Rat         LOAEL       :       0.25 mg/kg         Application Route       :       Oral         Exposure time       :       98 w         Target Organs       :       Gastrointestinal tract, Blood, lymphatic system, Liver, Prosi         Species       :       Dog         LOAEL       :       1 mg/kg         Application Route       :       Oral         Exposure time       :       12 w         Target Organs       :       Blood         Species       :       Baboon         NOAEL       :       0.5 mg/kg         LOAEL       :       5 mg/kg         Species       :       Gastrointestinal tract, Blood         Symptoms				ideline 407
Species       :       Rat         LOAEL       :       0.25 mg/kg         Application Route       :       Oral         Exposure time       :       98 w         Target Organs       :       Gastrointestinal tract, Blood, lymphatic system, Liver, Prost         Species       :       Dog         LOAEL       :       1 mg/kg         Application Route       :       Oral         Exposure time       :       12 w         Target Organs       :       Baboon         NOAEL       :       0.5 mg/kg         LOAEL       :       5 mg/kg         Application Route       :       Oral         Exposure time       :       52 w         Target Organs       :       Gastrointestinal tract, Blood         Symptoms       :       constipation, Diarrhoea         Sodium hydroxymethanesulphinate:       Species       :         Species       :       Rat         NOAEL       :       600 mg/kg         Application Route       :       Ingestion         Exposure time       :       13 Weeks	Rema	arks	: Based on data	from similar materials
LÓAEL       : 0.25 mg/kg         Application Route       : Oral         Exposure time       : 98 w         Target Organs       : Gastrointestinal tract, Blood, lymphatic system, Liver, Prost         Species       : Dog         LOAEL       : 1 mg/kg         Application Route       : Oral         Exposure time       : 1 mg/kg         Application Route       : Oral         Exposure time       : 12 w         Target Organs       : Blood         Species       : Baboon         NOAEL       : 0.5 mg/kg         LOAEL       : 5 mg/kg         Application Route       : Oral         Exposure time       : 5 mg/kg         Application Route       : Oral         Exposure time       : 52 w         Target Organs       : Gastrointestinal tract, Blood         Symptoms       : constipation, Diarrhoea         Sodium hydroxymethanesulphinate:       :         Species       : Rat         NOAEL       : 600 mg/kg         Application Route       : Ingestion         Exposure time       : 13 Weeks	Sodi	um [2-[(2,6-dichlorop	ohenyl)amino]phenyl]a	acetate:
Application Route       :       Oral         Exposure time       :       98 w         Target Organs       :       Gastrointestinal tract, Blood, lymphatic system, Liver, Prost         Species       :       Dog         LOAEL       :       1 mg/kg         Application Route       :       Oral         Exposure time       :       12 w         Target Organs       :       Blood         Species       :       Baboon         NOAEL       :       0.5 mg/kg         LOAEL       :       5 mg/kg         Application Route       :       Oral         Exposure time       :       52 w         Target Organs       :       Gastrointestinal tract, Blood         Symptoms       :       constipation, Diarrhoea         Sodium hydroxymethanesulphinate:       Species       :         Species       :       Rat         NOAEL       :       600 mg/kg         Application Route       :       Ingestion         Exposure time       :       13 Weeks				
Exposure time       : 98 w         Target Organs       : Gastrointestinal tract, Blood, lymphatic system, Liver, Prosi         Species       : Dog         LOAEL       : 1 mg/kg         Application Route       : Oral         Exposure time       : 12 w         Target Organs       : Blood         Species       : Baboon         NOAEL       : 0.5 mg/kg         LOAEL       : 5 mg/kg         Application Route       : Oral         Exposure time       : 52 w         Target Organs       : Gastrointestinal tract, Blood         Symptoms       : constipation, Diarrhoea         Sodium hydroxymethanesulphinate:       Species         Species       : Rat         NOAEL       : 600 mg/kg         Application Route       : Ingestion         Exposure time       : 3 Weeks				
Target Organs       : Gastrointestinal tract, Blood, lymphatic system, Liver, Prosi         Species       : Dog         LOAEL       : 1 mg/kg         Application Route       : Oral         Exposure time       : 12 w         Target Organs       : Blood         Species       : Baboon         NOAEL       : 0.5 mg/kg         LOAEL       : 5 mg/kg         Application Route       : Oral         Exposure time       : 52 w         Target Organs       : Gastrointestinal tract, Blood         Symptoms       : constipation, Diarrhoea         Sodium hydroxymethanesulphinate:       Species         Species       : Rat         NOAEL       : 600 mg/kg         Application Route       : Ingestion         Exposure time       : 3 Weeks				
Species       : Dog         LOAEL       : 1 mg/kg         Application Route       : Oral         Exposure time       : 12 w         Target Organs       : Blood         Species       : Baboon         NOAEL       : 0.5 mg/kg         LOAEL       : 5 mg/kg         Application Route       : Oral         Exposure time       : 5 mg/kg         Application Route       : Oral         Exposure time       : 52 w         Target Organs       : Gastrointestinal tract, Blood         Symptoms       : constipation, Diarrhoea         Sodium hydroxymethanesulphinate:       Species         Species       : Rat         NOAEL       : 600 mg/kg         Application Route       : Ingestion         Exposure time       : 13 Weeks				I tract Blood lymphatic system Liver Prostat
LOAEL       : 1 mg/kg         Application Route       : Oral         Exposure time       : 12 w         Target Organs       : Blood         Species       : Baboon         NOAEL       : 0.5 mg/kg         LOAEL       : 5 mg/kg         Application Route       : Oral         Exposure time       : 52 w         Target Organs       : Gastrointestinal tract, Blood         Symptoms       : constipation, Diarrhoea         Sodium hydroxymethanesulphinate:       Species         Species       : Rat         NOAEL       : 600 mg/kg         Application Route       : Ingestion         Exposure time       : 13 Weeks	Targe	organs	. Castronnestina	
Application Route       :       Oral         Exposure time       :       12 w         Target Organs       :       Blood         Species       :       Baboon         NOAEL       :       0.5 mg/kg         LOAEL       :       5 mg/kg         Application Route       :       Oral         Exposure time       :       52 w         Target Organs       :       Gastrointestinal tract, Blood         Symptoms       :       constipation, Diarrhoea         Sodium hydroxymethanesulphinate:       Species       :         Species       :       Rat         NOAEL       :       600 mg/kg         Application Route       :       Ingestion         Exposure time       :       13 Weeks			: Dog	
Exposure time       :       12 w         Target Organs       :       Blood         Species       :       Baboon         NOAEL       :       0.5 mg/kg         LOAEL       :       5 mg/kg         Application Route       :       Oral         Exposure time       :       52 w         Target Organs       :       Gastrointestinal tract, Blood         Symptoms       :       constipation, Diarrhoea         Species       :       Rat         NOAEL       :       600 mg/kg         Application Route       :       Ingestion         Exposure time       :       13 Weeks				
Target Organs       :       Blood         Species       :       Baboon         NOAEL       :       0.5 mg/kg         LOAEL       :       5 mg/kg         Application Route       :       Oral         Exposure time       :       52 w         Target Organs       :       Gastrointestinal tract, Blood         Symptoms       :       constipation, Diarrhoea         Species       :       Rat         NOAEL       :       600 mg/kg         Application Route       :       Ingestion         Exposure time       :       13 Weeks				
Species       :       Baboon         NOAEL       :       0.5 mg/kg         LOAEL       :       5 mg/kg         Application Route       :       Oral         Exposure time       :       52 w         Target Organs       :       Gastrointestinal tract, Blood         Symptoms       :       constipation, Diarrhoea         Species       :       Rat         NOAEL       :       600 mg/kg         Application Route       :       Ingestion         Exposure time       :       13 Weeks	Expo	sure time		
NOAEL       : 0.5 mg/kg         LOAEL       : 5 mg/kg         Application Route       : Oral         Exposure time       : 52 w         Target Organs       : Gastrointestinal tract, Blood         Symptoms       : constipation, Diarrhoea         Sodium hydroxymethanesulphinate:         Species       : Rat         NOAEL       : 600 mg/kg         Application Route       : Ingestion         Exposure time       : 13 Weeks	Taryo	et Organs	. 0000	
LOAEL       : 5 mg/kg         Application Route       : Oral         Exposure time       : 52 w         Target Organs       : Gastrointestinal tract, Blood         Symptoms       : constipation, Diarrhoea         Sodium hydroxymethanesulphinate:         Species       : Rat         NOAEL       : 600 mg/kg         Application Route       : Ingestion         Exposure time       : 13 Weeks	Spec	ies	: Baboon	
Application Route       :       Oral         Exposure time       :       52 w         Target Organs       :       Gastrointestinal tract, Blood         Symptoms       :       constipation, Diarrhoea         Sodium hydroxymethanesulphinate:         Species       :       Rat         NOAEL       :       600 mg/kg         Application Route       :       Ingestion         Exposure time       :       13 Weeks				
Exposure time       :       52 w         Target Organs       :       Gastrointestinal tract, Blood         Symptoms       :       constipation, Diarrhoea         Sodium hydroxymethanesulphinate:       .         Species       :       Rat         NOAEL       :       600 mg/kg         Application Route       :       Ingestion         Exposure time       :       13 Weeks				
Target Organs       : Gastrointestinal tract, Blood         Symptoms       : constipation, Diarrhoea         Sodium hydroxymethanesulphinate:         Species       : Rat         NOAEL       : 600 mg/kg         Application Route       : Ingestion         Exposure time       : 13 Weeks				
Symptoms       :       constipation, Diarrhoea         Sodium hydroxymethanesulphinate:         Species       :       Rat         NOAEL       :       600 mg/kg         Application Route       :       Ingestion         Exposure time       :       13 Weeks	⊏xpo Targe	sure ume		I tract Blood
Species:RatNOAEL:600 mg/kgApplication Route:IngestionExposure time:13 Weeks				
NOAEL: 600 mg/kgApplication Route: IngestionExposure time: 13 Weeks	Sodi	um hydroxymethane	esulphinate:	
NOAEL: 600 mg/kgApplication Route: IngestionExposure time: 13 Weeks	Spec	ies	: Rat	
Exposure time : 13 Weeks	NOA	EL	: 600 mg/kg	
Ilivietnoa : OECD Test Guideline 408				
	Weth	00	: OECD Test Gu	Ideline 408
		ration toxicity		

Not classified based on available information.

### Experience with human exposure

#### **Components:**

#### oxytetracycline:

Ingestion

: Symptoms: Gastrointestinal disturbance, tooth discoloration Remarks: May cause birth defects.

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



ersion 6.0	Revision Date: 2024/09/28		DS Number: 13807-00020	Date of last issue: 2024/04/06 Date of first issue: 2017/02/20
Inges	tion	:		ominal pain, Diarrhoea, constipation, heart- , Dizziness, Headache, Breathing difficulties,
2. ECOL	OGICAL INFORMATIO	N		
Ecote	oxicity			
Com	ponents:			
	rolidone: ity to fish	:	Exposure time: 9	io (zebra fish)): > 4,600 - 10,000 mg/l 96 h Test Guideline 203
Toxic aquat	ity to daphnia and other tic invertebrates	:	EC50 (Daphnia Exposure time: 4	magna (Water flea)): > 500 mg/l 48 h
Toxic plants	ity to algae/aquatic S	:	Exposure time: 7	
Toxic	ity to microorganisms	:	Exposure time: 7 EC50: > 1,000 n Exposure time: 7	ng/l
II				
	etracycline: ity to fish	:	Exposure time: 9	atipes (Japanese medaka)): 110 mg/l 96 h Test Guideline 203
	ity to daphnia and other tic invertebrates	:	Exposure time: 4	magna (Water flea)): 621 mg/l 48 h Test Guideline 202
			Exposure time: 4	magna (Water flea)): 669 mg/l 48 h Test Guideline 202
Toxic plants	ity to algae/aquatic s	:	EC50 (Anabaen Exposure time: 7	
			NOEC (Anabaer Exposure time: 7	
M-Fa	ctor (Acute aquatic tox-	:	10	



ersion 0	Revision Date: 2024/09/28		0S Number: 13807-00020	Date of last issue: 2024/04/06 Date of first issue: 2017/02/20
	ctor (Chronic aquatic	:	10	
toxici <sup>:</sup> Toxic	ty) ity to microorganisms	:		
Benz	yl alcohol:			
	ity to fish	:	LC50 (Pimepha Exposure time:	lles promelas (fathead minnow)): 460 mg/l 96 h
	ity to daphnia and other tic invertebrates	:	Exposure time:	magna (Water flea)): 230 mg/l 48 h Test Guideline 202
Toxic plants	ity to algae/aquatic s	:	mg/l Exposure time:	tirchneriella subcapitata (green algae)): 770 72 h Test Guideline 201
			mg/l Exposure time:	kirchneriella subcapitata (green algae)): 310 72 h Test Guideline 201
Toxic aquat ic tox	ity to daphnia and other tic invertebrates (Chron- icity)	:	Exposure time:	a magna (Water flea)): 51 mg/l 21 d Test Guideline 211
Magr	nesium oxide:			
	ity to fish	:	Exposure time:	les promelas (fathead minnow)): > 100 mg/l 96 h d on data from similar materials
	ity to daphnia and other tic invertebrates	:	Exposure time:	magna (Water flea)): > 100 mg/l 48 h d on data from similar materials
Toxic plants	ity to algae/aquatic s	:	mg/l Exposure time:	irchneriella subcapitata (green algae)): > 100 72 h : Water Accommodated Fraction



Version 3.0	Revision Date: 2024/09/28		0S Number: 13807-00020	Date of last issue: 2024/04/06 Date of first issue: 2017/02/20	
			Method: OECD To Remarks: Based	est Guideline 201 on data from similar materials	
Toxic	Toxicity to microorganisms		<ul> <li>EC50: &gt; 100 mg/l</li> <li>Exposure time: 3 h</li> <li>Method: OECD Test Guideline 209</li> <li>Remarks: Based on data from similar materials</li> </ul>		
Sodiu	um [2-[(2,6-dichlorophe	nyl	)amino]phenyl]ac	etate:	
Toxic	ity to fish	:	LC50 (Pimephale Exposure time: 96 Method: OECD T		
	ity to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD T		
Toxic plants	ity to algae/aquatic	:	EC50 (Pseudokiro mg/l Exposure time: 72 Method: OECD T		
			NOEC (Pseudokin mg/l Exposure time: 72 Method: OECD T		
Toxici icity)	ity to fish (Chronic tox-	:	NOEC (Pimephale Exposure time: 32 Method: OECD T		
	ic invertebrates (Chron-	:	NOEC (Daphnia r Exposure time: 2 <sup>4</sup> Method: OECD T		
Sodiu	um hydroxymethanesu	lphi	inate:		
	ity to fish	:		idus (Golden orfe)): > 10,000 mg/l S h	
	ity to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD T		
Toxic plants	ity to algae/aquatic	:	ErC50 (Desmode Exposure time: 72 Method: OECD T		
II			NOEC (Desmode	smus subspicatus (green algae)): 10 mg/l	



Version 3.0	Revision Date: 2024/09/28		0S Number: 13807-00020	Date of last issue: 2024/04/06 Date of first issue: 2017/02/20	
			Exposure time: 72 Method: OECD T		
Toxic icity)	ity to fish (Chronic tox-	:	NOEC (Danio reri Exposure time: 38 Method: OECD T		
	ity to daphnia and other tic invertebrates (Chron- icity)	:	EC10 (Daphnia m Exposure time: 2 <sup>-</sup> Method: OECD T		
Toxic	ity to microorganisms	:	NOEC: 10 mg/l Exposure time: 4 h		
Persi	istence and degradabili	ty			
Com	ponents:				
2-Руі	rrolidone:				
Biode	egradability	:	Result: Readily bi Remarks: Based	odegradable. on data from similar materials	
Benz	yl alcohol:				
Biode	egradability	:	Result: Readily bi Biodegradation: 9 Exposure time: 14	92 - 96 %	
Sodi	um hydroxymethanesu	phi	inate:		
Biode	egradability	:	Result: Readily bi Biodegradation: Exposure time: 28 Method: OECD T	77 %	
Bioa	ccumulative potential				
Com	ponents:				
2-Руі	rrolidone:				
	ion coefficient: n- ol/water	:	log Pow: -0.71 Method: OECD T	est Guideline 107	
Benz	yl alcohol:				
	ion coefficient: n- ol/water	:	log Pow: 1.05		
	um [2-[(2,6-dichlorophe	nyl		etate:	
Partit	ion coefficient: n-	:	log Pow: 4.51		



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### octanol/water

### Sodium hydroxymethanesulphinate:

Partition coefficient: n- : log Pow: < 0.3 octanol/water

### Mobility in soil

No data available

#### Other adverse effects

No data available

### 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 han- dling site for recycling or disposal.
	If not otherwise specified: Dispose of as unused product.

### 14. TRANSPORT INFORMATION

### International Regulations

UNRTDG		
UN number	:	UN 3082
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxytetracycline)
Class	:	9
Packing group	:	III
Labels	:	9
Environmentally hazardous	:	yes
IATA-DGR		
UN/ID No.	:	UN 3082
Proper shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (oxytetracycline)
Class	:	9
Packing group	:	III
Labels	:	Miscellaneous
Packing instruction (cargo aircraft)	:	964
Packing instruction (passen- ger aircraft)	:	964
Environmentally hazardous	:	yes
<b>IMDG-Code</b> UN number Proper shipping name	:	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,



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		N.O.S. (oxytetracycline)
Class	:	9
Packing group	:	III
Labels	:	9
EmS Code	:	F-A, S-F
Marine pollutant	:	yes

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

Not applicable for product as supplied.

#### **National Regulations**

### GB 6944/12268

UN number Proper shipping name	:	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxytetracycline)
Class	:	9
Packing group	:	III
Labels	:	9
Marine pollutant	:	no

#### 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.

### 15. REGULATORY INFORMATION

National regulatory information Law on the Prevention and Control of Occupational	Diseases
Regulations on Safety Management of Hazardous C	hemicals
Catalogue of Hazardous Chemicals	: This product is not listed in the catallogue of hazardous chemicals, but is meets the definition of hazardous chemicals and its principles of determination.
Identification of Major Hazard Installations for Hazardou 18218)	us Chemicals (GB : Not listed
Hazardous Chemicals for Priority Management under SAWS	: Not listed
Regulations on Labour Protection in Workplaces w	here Toxic Substances are Used
Catalogue of Highly Toxic Chemicals	: Not listed



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# Regulation of Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals

China Severely Restricted Toxic Chemicals for Import : Not listed and Export

### **Regulation on the Administration of Precursor Chemicals**

Catalogue and Classification of Precursor Chemicals : Not listed

#### Yangtze River Protection Law

This product is prohibited only for bulk transport in inland river.

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

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

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

Revision Date	:	2024/09/28
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 Agen- cy, http://echa.europa.eu/

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Date format	:	yyyy/mm/dd		
Full text of other abbreviations				
ACGIH CN OEL	:	USA. ACGIH Threshold Limit Values (TLV) Occupational exposure limits for hazardous agents in the workplace - Chemical hazardous agents.		
ACGIH / TWA CN OEL / PC-TWA	:	8-hour, time-weighted average Permissible concentration - time weighted average		

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



Version	Revision Date:	SDS Number:	Date of last issue: 2024/04/06
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- 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

### Disclaimer

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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