

according to GB/T 16483 and GB/T 17519

# **Oxytetracycline Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 2024/07/06
6.0	2024/09/28	671604-00022	Date of first issue: 2016/05/12

### **1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	:	Oxytetracycline Formulation				
Manufacturer or supplier's details Company : 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 chemical and restrictions on use						
Recommended use Restrictions on use	:	Veterinary product Not applicable				

### 2. HAZARDS IDENTIFICATION

### **Emergency Overview**

Appearance Colour Odour	:	Aerosol containing a liquefied gas blue solvent-like		
Flammable aerosol. Pressurised container: May burst if heated. May cause an allergic skin reac- tion. Causes serious eye irritation. May cause drowsiness or dizziness. May damage the unborn child. Very toxic to aquatic life with long lasting effects.				
GHS Classification				
Aerosols	:	Category 2		
Serious eye damage/eye irri- tation	:	Category 2A		
Skin sensitisation	:	Category 1		
Reproductive toxicity	:	Category 1A		
Specific target organ toxicity - single exposure	:	Category 3		
Short-term (acute) aquatic hazard	:	Category 1		



according to GB/T 16483 and GB/T 17519

/ersion 6.0	Revision Date: 2024/09/28	SDS Number: 671604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12
Long. hazar	-term (chronic) aquatic rd	: Category 1	
GHS	label elements		
Haza	rd pictograms		
Signa	al word	: Danger	
Haza	rd statements	H317 May cau H319 Causes s H336 May cau H360D May da	ble aerosol. sed container: May burst if heated. se an allergic skin reaction. serious eye irritation. se drowsiness or dizziness. Image the unborn child. c to aquatic life with long lasting effects.
Preca	autionary statements	P202 Do not ha and understood P210 Keep aw No smoking. P211 Do not sp P251 Do not pi P261 Avoid bre P264 Wash sk P271 Use only P272 Contamin the workplace. P273 Avoid rel	ay from heat/ sparks/ open flames/ hot surface oray on an open flame or other ignition source. ferce or burn, even after use. eathing spray. in thoroughly after handling. outdoors or in a well-ventilated area. nated work clothing should not be allowed out ease to the environment. otective gloves/ protective clothing/ eye protec-
		P304 + P340 + and keep comf doctor if you fe P305 + P351 + for several min easy to do. Co P308 + P313 II attention. P333 + P313 II vice/ attention.	• P338 IF IN EYES: Rinse cautiously with wate utes. Remove contact lenses, if present and



according to GB/T 16483 and GB/T 17519

## **Oxytetracycline Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 2024/07/06
6.0	2024/09/28	671604-00022	Date of first issue: 2016/05/12

P362 + P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

### Storage:

P405 Store locked up. P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

### **Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

### Physical and chemical hazards

Flammable aerosol.Pressurised container: May burst if heated.

### Health hazards

Causes serious eye irritation. May cause an allergic skin reaction. May damage the unborn child. May cause drowsiness or dizziness.

#### Environmental hazards

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

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

May displace oxygen and cause rapid suffocation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Butane	106-97-8	>= 20 -< 30
Propan-2-ol	67-63-0	>= 10 -< 20
Isobutane	75-28-5	>= 10 -< 20
Propane	74-98-6	>= 10 -< 20
oxytetracycline	79-57-2	>= 2.5 -< 10

#### 4. FIRST AID MEASURES

General advice	In the case of accident or if you feel unwell, seek medical vice immediately. When symptoms persist or in all cases of doubt seek mediadvice.	
If inhaled	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.	
In case of skin contact	In case of contact, immediately flush skin with plenty of w Remove contaminated clothing and shoes. Get medical attention.	ater.

according to GB/T 16483 and GB/T 17519



# **Oxytetracycline Formulation**

Versio 6.0	n	Revision Date: 2024/09/28		9S Number: 1604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12		
lf M ar de Pi	In case of eye contact If swallowed Most important symptoms and effects, both acute and delayed Protection of first-aiders		: : :	In case of contact for at least 15 min If easy to do, reme Get medical atten If swallowed, DO Get medical atten Rinse mouth thoro Gastrointestinal di May cause an alle Causes serious en May cause drows May damage the Gas reduces oxy First Aid responde and use the recon when the potentia	n shoes before reuse. ct, immediately flush eyes with plenty of wate inutes. nove contact lens, if worn. ntion. NOT induce vomiting. ntion. roughly with water. disturbance lergic skin reaction. eye irritation. siness or dizziness.		
		o physician	:	Treat symptomation	cally and supportively.		
5. FIRI	EFIGH	ITING MEASURES					
S	uitable	extinguishing media	:	Water spray Alcohol-resistant f Carbon dioxide (C Dry chemical			
	nsuita iedia	ble extinguishing	:	None known.			
	pecific ghting	hazards during fire-	:	Vapours may form Exposure to comb	ble over considerable distance. In explosive mixtures with air. Dustion products may be a hazard to health. I rises there is danger of the vessels bursting apor pressure.		
	azardo cts	ous combustion prod-	:	Carbon oxides			
	pecific ds	extinguishing meth-	:	cumstances and t Use water spray to	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		
		protective equipment ghters	:	In the event of fire Use personal prot	e, wear self-contained breathing apparatus. ective equipment.		

### 6. ACCIDENTAL RELEASE MEASURES

according to GB/T 16483 and GB/T 17519



# **Oxytetracycline Formulation**

Version 6.0	Revision Date: 2024/09/28		9S Number: 1604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12
tive e	onal precautions, protec- quipment and emer- / procedures	:		es of ignition.
Enviro	onmental precautions	:	Prevent spreading barriers). Retain and dispos	akage or spillage if safe to do so. g over a wide area (e.g. by containment or oil se of contaminated wash water. should be advised if significant spillages
	ods and materials for inment and cleaning up	:	Suppress (knock of spray jet. For large spills, priment to keep mate be pumped, store Clean up remaining bent. Local or national riposal of this mate employed in the cimine which regular Sections 13 and 1	s should be used. t absorbent material. down) gases/vapours/mists with a water rovide dyking or other appropriate contain- erial from spreading. If dyked material can recovered material in appropriate container. In materials from spill with suitable absor- regulations may apply to releases and dis- rial, as well as those materials and items leanup of releases. You will need to deter- ations are applicable. 5 of this SDS provide information regarding tional requirements.

### 7. HANDLING AND STORAGE

Handling	
Technical measures	: See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	: If sufficient ventilation is unavailable, use with local exhaust ventilation.
	If advised by assessment of the local exposure potential, use only in an area equipped with explosion-proof exhaust ventila- tion.
Advice on safe handling	<ul> <li>Do not get on skin or clothing. Avoid breathing spray. Do not swallow.</li> <li>Do not get in eyes.</li> <li>Wash skin thoroughly after handling.</li> <li>Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment</li> </ul>

according to GB/T 16483 and GB/T 17519



# **Oxytetracycline Formulation**

Version 6.0	Revision Date: 2024/09/28	SDS Number: 671604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12
Av	oidance of contact	other ignition so Take precautio Take care to pr environment.	m heat, hot surfaces, sparks, open flames and ources. No smoking. nary measures against static discharges. revent spills, waste and minimize release to the n an open flame or other ignition source.
Sto	orage	5 5	
	nditions for safe storage	Store in accord Do not pierce c	
Ма	iterials to avoid	: Do not store wi Self-reactive su Organic peroxid Oxidizing agen Flammable liqu Pyrophoric liqu Pyrophoric soli	th the following product types: ubstances and mixtures des ts uids ids
Pa	ckaging material	: Unsuitable mat	erial: None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Butane	106-97-8	STEL	1,000 ppm	ACGIH
Propan-2-ol	67-63-0	PC-TWA	350 mg/m3	CN OEL
		PC-STEL	700 mg/m3	CN OEL
		TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
Isobutane	75-28-5	STEL	1,000 ppm	ACGIH
oxytetracycline	79-57-2	TWA	500 µg/m3 (OEB 2)	Internal
	Further infor	mation: DSEN		
		Wipe limit	100 µg/100 cm <sup>2</sup>	Internal

### **Biological occupational exposure limits**

Componente	CAC No.	Control	Dielegiaal	Cam	Dermineihle	Deele
Components	CAS-No.	Control	Biological	Sam-	Permissible	Basis
		parameters	specimen	pling	concentra-	
				time	tion	



according to GB/T 16483 and GB/T 17519

Version 6.0	Revision Date: 2024/09/28	SDS Number: 671604-00022		Date of last issue: 2024/07/06 Date of first issue: 2016/05/12			
Prop	an-2-ol	67-63-0	Acetone	Urine	End of shift at end of work- week	40 mg/l	ACGIH BEI
Pers	onal protective equ	uipment					
F Skin	biratory protection ilter type and body protection d protection	su or : Se	adequate local ire assessmen nmended guide elf-contained b kin should be w	t demonstr elines, use reathing ap	ates exposur respiratory p paratus	es outside the	
R	emarks		ake note that th e selection of h			which may ir	mpact
Hygi	ene measures	: If ey in W Cu	<ul> <li>If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the work ing place.</li> <li>When using do not eat, drink or smoke.</li> <li>Contaminated work clothing should not be allowed out of workplace.</li> <li>Wash contaminated clothing before re-use.</li> </ul>		work-		
9. PHYSI	CAL AND CHEMICA	AL PROPE	RTIES				
Арре	earance	: A	erosol contain	ing a liquef	ied gas		
Colo	ur	: b	lue				

Colour	:	blue
Odour	:	solvent-like
Odour Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	-80 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Flammable aerosol.
Flammability (liquids)	:	Not applicable
Upper explosion limit / Upper flammability limit	:	9.5 %(V)



according to GB/T 16483 and GB/T 17519

# **Oxytetracycline Formulation**

Version 6.0	Revision Date: 2024/09/28		S Number: 604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12
	er explosion limit / Lower mability limit	:	1.8 %(V)	
Vapo	our pressure	:	No data available	9
Rela	tive vapour density	:	No data available	e
Rela	tive density	:	No data available	9
Dens	sity	:	0.92 g/cm <sup>3</sup>	
	bility(ies) /ater solubility	:	No data available	e
	tion coefficient: n-	:	No data available	9
	nol/water -ignition temperature	:	No data available	e
Deco	omposition temperature	:	No data available	e
Visco V	osity iscosity, kinematic	:	No data available	e
Expl	osive properties	:	Not explosive	
Oxid	izing properties	:	The substance o	r mixture is not classified as oxidizing.
	cle characteristics cle size	:	No data available	e

### **10. STABILITY AND REACTIVITY**

Reactivity Chemical stability Possibility of hazardous reac- tions	:	Not classified as a reactivity hazard. Stable under normal conditions. Flammable aerosol. Vapours may form explosive mixture with air. If the temperature rises there is danger of the vessels bursting due to the high vapor pressure. Can react with strong oxidizing agents.
Conditions to avoid Incompatible materials Hazardous decomposition products		Heat, flames and sparks. Oxidizing agents No hazardous decomposition products are known.

### **11. TOXICOLOGICAL INFORMATION**

: Inhalation

Skin contact



according to GB/T 16483 and GB/T 17519

# **Oxytetracycline Formulation**

Version         Revision Date:         SDS Number:         Date of last issue: 2024/07/06           6.0         2024/09/28         671604-00022         Date of first issue: 2016/05/12	Version 6.0	Revision Date: 2024/09/28	SDS Number: 671604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12	
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Ingestion Eye contact

### Acute toxicity

Not classified based on available information.

Components:		
Butane:		
Acute inhalation toxicity	:	LC50 (Rat): 570000 ppm Exposure time: 15 min Test atmosphere: gas Remarks: Based on data from similar materials
Propan-2-ol:		
Acute oral toxicity	:	LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 25 mg/l Exposure time: 6 h Test atmosphere: vapour
Acute dermal toxicity	:	LD50 (Rabbit): > 5,000 mg/kg
Isobutane:		
Acute inhalation toxicity	:	LC50 (Rat): 570000 ppm Exposure time: 15 min Test atmosphere: gas
Propane:		
Acute inhalation toxicity	:	LC50 (Rat): > 800000 ppm Exposure time: 15 min Test atmosphere: gas
oxytetracycline:		
Acute oral toxicity	:	LD50 (Rat): 4,800 mg/kg
		LD50 (Mouse): 2,240 mg/kg Remarks: Evidence of phototoxicity was observed
Acute inhalation toxicity	:	Remarks: No data available
Acute dermal toxicity	:	Remarks: No data available
Acute toxicity (other routes of administration)	:	LD50 (Rat): 4,840 mg/kg Application Route: Intramuscular
		LD50 (Mouse): 3,500 mg/kg Application Route: Subcutaneous



according to GB/T 16483 and GB/T 17519

# **Oxytetracycline Formulation**

Version 6.0	Revision Date: 2024/09/28	SDS Number: 671604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12	
Skin	corrosion/irritation			
Not classified based on available information				

Not classified based on available information.

### Components:

### Propan-2-ol:

Species Result	:	Rabbit No skin irritation
oxytetracycline: Remarks	:	No data available

### Serious eye damage/eye irritation

Causes serious eye irritation.

### **Components:**

### Propan-2-ol:

Species Result	:	Rabbit
Result	:	Irritation to eyes, reversing within 21 days

#### oxytetracycline:

: No data available

### Respiratory or skin sensitisation

#### Skin sensitisation

May cause an allergic skin reaction.

### **Respiratory sensitisation**

Not classified based on available information.

### **Components:**

### Propan-2-ol:

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

### oxytetracycline:

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

### Germ cell mutagenicity

Not classified based on available information.



according to GB/T 16483 and GB/T 17519

rsion )	Revision Date: 2024/09/28	SDS Number: 671604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12
<u>Com</u>	oonents:		
Butar	ne:		
Geno	toxicity in vitro		cterial reverse mutation assay (AMES) D Test Guideline 471 ve
			romosome aberration test in vitro D Test Guideline 473 ve
Geno	toxicity in vivo	cytogenetic as Species: Rat Application Ro Method: OECI Result: negativ	oute: inhalation (gas) D Test Guideline 474
Propa	an-2-ol:		
	toxicity in vitro	: Test Type: Ba Result: negativ	cterial reverse mutation assay (AMES) ve
		Test Type: In N Result: negativ	vitro mammalian cell gene mutation test
Geno	toxicity in vivo	cytogenetic as Species: Mous	se oute: Intraperitoneal injection
	itane:		
Geno	toxicity in vitro	Method: OECI Result: negativ	romosome aberration test in vitro D Test Guideline 473 ve ed on data from similar materials
		Result: negativ	cterial reverse mutation assay (AMES) ve ed on data from similar materials
Geno	toxicity in vivo	cytogenetic as Species: Rat Application Ro Method: OECI Result: negativ	oute: inhalation (gas) D Test Guideline 474



according to GB/T 16483 and GB/T 17519

rsion )	Revision Date: 2024/09/28		S Number: 1604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12
<b>Prop</b> a Geno	<b>ane:</b> toxicity in vitro	:	Result: negativ	cterial reverse mutation assay (AMES) re ed on data from similar materials
Geno	toxicity in vivo	÷	cytogenetic as Species: Rat Application Ro Method: OECE Result: negativ	ute: inhalation (gas) D Test Guideline 474
	etracycline:			
	toxicity in vitro	:	Result: negative Test Type: Mo Metabolic active Result: positive Test Type: sist Test system: C Result: equivor Test Type: Chin Result: negative Test Type: Mice Species: Mouse Cell type: Bone Application Ro Result: equivor Test Type: in ve Species: Mouse	use Lymphoma ration: Metabolic activation e er chromatid exchange assay chinese hamster ovary cells cal romosomal aberration re ronucleus test e marrow ute: Oral cal rivo assay e ute: Intraperitoneal injection
	cell mutagenicity - ssment	:	Weight of evide cell mutagen.	ence does not support classification as a gern
Carci	nogenicity			
Not c	lassified based on ava	ailable	information.	
<u>Com</u>	ponents:			
	an-2-ol:		_	
Speci Applio	ies cation Route	:	Rat inhalation (vap	our)



according to GB/T 16483 and GB/T 17519

Version 6.0	Revision Date: 2024/09/28	SDS Number: 671604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12
Expos Metho Resul		: 104 weeks : OECD Test ( : negative	Guideline 451
Speci	cation Route sure time	: Mouse : Oral : 104 weeks : negative	
Speci Applic Expos Resul	es cation Route sure time t t Organs	: Rat : Oral : 103 weeks : equivocal : Adrenal glan	d, Pituitary gland ism or mode of action may not be relevant in hu-
Carcir ment	nogenicity - Assess-	: Weight of ev cinogen	idence does not support classification as a car-
May d	oductive toxicity lamage the unborn chi ponents:	ld.	
Butar Effect	<b>ne:</b> s on fertility	reproduction Species: Rat Application F	Route: inhalation (gas) CD Test Guideline 422
Effect ment	s on foetal develop-	reproduction Species: Rat Application F	Route: inhalation (gas) CD Test Guideline 422
•• Propa	an-2-ol:		
	s on fertility	Species: Rat	Route: Ingestion
Effect ment	s on foetal develop-	Species: Rat	mbryo-foetal development Route: Ingestion



according to GB/T 16483 and GB/T 17519

ersion D	Revision Date: 2024/09/28	SDS Number 671604-0002	
11		Result: n	egative
II			
	Itane:	Test Test	
Effect	s on fertility	reproduc Species: Applicatio	on Route: inhalation (gas) DECD Test Guideline 422
Effect ment	s on foetal develop-	reproduc Species: Applicatio	on Route: inhalation (gas) DECD Test Guideline 422
Propa	ane:		
Effect	s on fertility	reproduc Species: Applicatio	on Route: inhalation (gas) DECD Test Guideline 422
Effect ment	s on foetal develop-	reproduc Species: Applicatio	on Route: inhalation (gas) DECD Test Guideline 422
oxyte	tracycline:		
	s on fertility	Species: Application Fertility: N Result: N	e: Two-generation reproduction toxicity study Rat on Route: Oral NOAEL: 18 mg/kg body weight o effects on fertility, No effect on reproduction capa gnificant adverse effects were reported
Effect ment	s on foetal develop-	Species: Application Embryo-f	e: Embryo-foetal development Rat on Route: Oral oetal toxicity: LOAEL: 48 mg/kg body weight ostimplantation loss., Skeletal malformations
		Species:	e: Embryo-foetal development Rat on Route: Oral

according to GB/T 16483 and GB/T 17519



# **Oxytetracycline Formulation**

rsion	Revision Date: 2024/09/28	-	DS Number: 1604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12
	oductive toxicity - As-	:	Embryo-foetal t Result: No terat Remarks: Mate Test Type: Emb Species: Mouse Application Rou General Toxicity Embryo-foetal t Result: No terat Remarks: Mate Test Type: Emb Species: Rabbin Application Rou Embryo-foetal t Result: Postimp Test Type: Emb Species: Dog Application Rou Embryo-foetal t Result: Skeletal Positive evident	rnal toxicity observed. pryo-foetal development te: Oral y Maternal: LOAEL: 1,325 mg/kg body weight oxicity: NOAEL: 2,100 mg/kg body weight ogenic effects rnal toxicity observed. pryo-foetal development te: Intramuscular oxicity: LOAEL: 41.5 mg/kg body weight lantation loss., No foetal abnormalities pryo-foetal development te: Intramuscular pryo-foetal development te: Intramuscular pryo-foetal development te: Intramuscular pryo-foetal development te: Intramuscular pryo-foetal development te: Intramuscular prioricity: LOAEL: 20.75 mg/kg body weight and visceral variations, Postimplantation los ce of adverse effects on development from
sessn STOT	nent - single exposure		human epidemi	ological studies.
	cause drowsiness or di	zzine	SS.	
<u>Comp</u>	ponents:			
Butar	-			
Asses Rema	ssment arks	:		vsiness or dizziness. from similar materials
	an-2-ol:			
Asses	ssment	:	May cause drow	vsiness or dizziness.
leebu	itane:			
ISODU	semont	•	May cause drow	vsiness or dizziness.
Asses	Someric	•		

### STOT - repeated exposure

Not classified based on available information.



according to GB/T 16483 and GB/T 17519

# **Oxytetracycline Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 2024/07/06
6.0	2024/09/28	671604-00022	Date of first issue: 2016/05/12

### **Repeated dose toxicity**

### Components:

### Butane:

:	Rat >= 9000 ppm inhalation (gas) 6 Weeks OECD Test Guideline 422
:	OECD Test Guideline 422
	:

### Propan-2-ol:

Species	:	Rat
NOAEL	:	12.5 mg/l
Application Route	:	inhalation (vapour)
Species NOAEL Application Route Exposure time	:	104 Weeks

### Isobutane:

Species NOAEL Application Route Exposure time Method	: Rat
NOAEL	: >= 9000 ppm
Application Route	: inhalation (gas)
Exposure time	: 6 Weeks
Method	: OECD Test Guideline 422

### **Propane:**

Species	: Rat
NOAEL	: 7.214 mg/l
Application Route	: inhalation (gas)
Exposure time	: 6 Weeks
Species NOAEL Application Route Exposure time Method	: OECD Test Guideline 422

### oxytetracycline:

Species LOAEL Application Route Exposure time Target Organs Remarks

Species LOAEL Application Route Exposure time Target Organs Remarks

Species NOAEL 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



according to GB/T 16483 and GB/T 17519

## **Oxytetracycline Formulation**

Version 6.0	Revision Date: 2024/09/28		DS Number: 1604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12
LOAEL Application Route Exposure time Target Organs Remarks			250 mg/kg Oral 12 Months Testis Significant toxicity observed in testing	
Species:RatNOAEL:40 mg/kgLOAEL:100 mg/kgApplication Route:IntraperitonealExposure time:14 DaysTarget Organs:Kidney				
No	piration toxicity t classified based on availa perience with human exp			
Co	emponents:			
	ytetracycline: gestion	:	Symptoms: Gastr Remarks: May ca	pintestinal disturbance, tooth discoloration use birth defects.
12. EC	DLOGICAL INFORMATION	N		
Ec	otoxicity			
Co	omponents:			
	opan-2-ol: xicity to fish	:	LC50 (Pimephale Exposure time: 96	s promelas (fathead minnow)): 9,640 mg/l 5 h
Toxicity to daphnia and other : EC50 (Daphnia magna (Water aquatic invertebrates Exposure time: 24 h		agna (Water flea)): > 10,000 mg/l l h		
То	xicity to microorganisms	:	: EC50 (Pseudomonas putida): > 1,050 mg/l Exposure time: 16 h	
ох	ytetracycline:			
То	xicity to fish	:	LC50 (Oryzias lat Exposure time: 96 Method: OECD Te	
			ECEO (Dephric m	a = a = (Mator floo)); CO1 $= a = n$

EC50 (Daphnia magna (Water flea)): 669 mg/l

according to GB/T 16483 and GB/T 17519



Version 6.0	Revision Date: 2024/09/28		DS Number: 1604-00022	Date of last issue: 2024/07/06 Date of first issue: 2016/05/12
			Exposure time: 48 Method: OECD Te	
	Toxicity to algae/aquatic plants		EC50 (Anabaena) Exposure time: 72 NOEC (Anabaena Exposure time: 72	2 h a): 0.0031 mg/l
icity)	ctor (Acute aquatic tox-	:	10 10	
toxici	M-Factor (Chronic aquatic toxicity) Toxicity to microorganisms		EC50: 17.9 mg/l Exposure time: 3 Test Type: Respir Method: OECD Te	ration inhibition
			NOEC: 0.2 mg/l Exposure time: 3 Test Type: Respir Method: OECD To	ration inhibition
	stence and degradabil	ity		
<u>Com</u> Buta	ponents: ne:			
	egradability	:	Result: Readily bi Remarks: Based	odegradable. on data from similar materials
	<b>an-2-ol:</b> •gradability		Result: rapidly de	gradable
BOD/		:	BOD: 1,19 (BOD5 COD: 2,23 BOD/COD: 53 %	-
	u <b>tane:</b> egradability	:	Result: Readily bi Remarks: Based	odegradable. on data from similar materials
Prop Biode	<b>ane:</b> egradability	:	Result: Readily bi Remarks: Based (	odegradable. on data from similar materials



according to GB/T 16483 and GB/T 17519

# **Oxytetracycline Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 2024/07/06
6.0	2024/09/28	671604-00022	Date of first issue: 2016/05/12

### **Bioaccumulative potential**

### Components:

Butane: Partition coefficient: n- octanol/water	: log Pow: 2.89
Propan-2-ol: Partition coefficient: n- octanol/water	: log Pow: 0.05
<b>Isobutane:</b> Partition coefficient: n- octanol/water	: log Pow: 2.8
Propane: Partition coefficient: n- octanol/water	: log Pow: 2.36
<b>Mobility in soil</b> No data available	
<b>Other adverse effects</b> No data available	

### **13. DISPOSAL CONSIDERATIONS**

Disposal methods		
Waste from residues		ose of waste into sewer. in accordance with local regulations.
Contaminated packaging	Please ens (including p Empty cont dling site fo Empty cont Do not pres pose such of ignition.	ure aerosol cans are sprayed completely empty

### 14. TRANSPORT INFORMATION

### International Regulations

### UNRTDG

UN number	:	UN 1950
Proper shipping name	:	AEROSOLS
Class	:	2.1
Packing group	:	Not assigned by regulation
Labels	:	2.1
Environmentally hazardous	:	yes
	-	<i>j</i> ==



according to GB/T 16483 and GB/T 17519

# **Oxytetracycline Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 2024/07/06
6.0	2024/09/28	671604-00022	Date of first issue: 2016/05/12

### IATA-DGR

UN/ID No.	:	UN 1950
Proper shipping name	:	Aerosols, flammable
Class	:	2.1
Packing group	:	Not assigned by regulation
Labels	:	Flammable Gas
Packing instruction (cargo	:	203
aircraft)		
Packing instruction (passen-	:	203
ger aircraft)		
IMDG-Code		
UN number	:	UN 1950
UN number	-	UN 1950 AEROSOLS
	-	
UN number	:	AEROSOLS
UN number Proper shipping name	:	AEROSOLS (oxytetracycline)
UN number Proper shipping name Class	:	AEROSOLS (oxytetracycline) 2.1
UN number Proper shipping name Class Packing group	:	AEROSOLS (oxytetracycline) 2.1 Not assigned by regulation
UN number Proper shipping name Class Packing group	:	AEROSOLS (oxytetracycline) 2.1 Not assigned by regulation

### 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	:	UN 1950
Proper shipping name	:	AEROSOLS
Class	:	2.1
Packing group	:	Not assigned by regulation
Labels	:	2.1
Marine pollutant	:	yes

#### 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	Regulations on Safety Management of Hazardous Chemicals					
Catalogue of Hazardous Chemicals : Listed						
No. / Code W3	Major Hazard Installations for Hazard Chemical name / Category Aerosols nicals for Priority Management unde		chemicals (GB 18218) Threshold quantity 150 t Listed			



according to GB/T 16483 and GB/T 17519

## **Oxytetracycline Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 2024/07/06
6.0	2024/09/28	671604-00022	Date of first issue: 2016/05/12

## SAWS

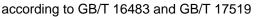
Regulations on Labour Prot Catalogue of Highly Toxic Cho	ection in Workplaces w emicals	ere Toxic Subs : Not listed	stances are Used
Regulation of Environmenta and Export of Toxic Chemic		st Import of Ch	nemicals and the Import
China Severely Restricted To: and Export	xic Chemicals for Import	: Not listed	
Regulation on the Administ	ration of Precursor Che	icals	
Catalogue and Classification	of Precursor Chemicals	: Not listed	
Yangtze River Protection La	aw		
This product does not contain	any dangerous chemical	prohibited for ir	land river transport.
The components of this pro AICS	duct are reported in the : not determined	ollowing inver	tories:
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 ACGIH BEI CN OEL	:	USA. ACGIH Threshold Limit Values (TLV) ACGIH - Biological Exposure Indices (BEI) Occupational exposure limits for hazardous agents in the workplace - Chemical hazardous agents.				
ACGIH / TWA ACGIH / STEL CN OEL / PC-TWA CN OEL / PC-STEL	:	8-hour, time-weighted average Short-term exposure limit Permissible concentration - time weighted average Permissible concentration - short term exposure limit				





## **Oxytetracycline Formulation**

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6.0	2024/09/28	671604-00022	Date of first issue: 2016/05/12

AIIC - Australian Inventory of Industrial Chemicals: ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development: OPPTS - Office of Chemical Safety and Pollution Prevention: PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

### 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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