

Version 6.1	Revision Date: 30.09.2023		S Number: 37607-00019	Date of last issue: 04.04.2023 Date of first issue: 08.06.2017
1. PROI	DUCT AND COMPANY ID	ENT	IFICATION	
Pro	duct name	:	Sulfadiazine / Tr	imethoprim Solid Formulation
	nufacturer or supplier's o	deta :	ils MSD	
Ado	dress	:	50 Tuas West D Singapore - Sin	
Tel	ephone	:	+1-908-740-400	0
Em	ergency telephone numbe	r :	65 6697 2111 (2	4/7/365)
E-n	nail address	:	EHSDATASTEV	VARD@msd.com
Red	commended use of the c commended use strictions on use		ical and restriction Veterinary prodution Not applicable	

#### 2. HAZARDS IDENTIFICATION

GHS Classification Skin corrosion/irritation	:	Category 2
Serious eye damage/eye irri- tation	:	Category 2
Respiratory sensitisation	:	Category 1
Reproductive toxicity	:	Category 2
Specific target organ toxicity - single exposure	:	Category 3
Specific target organ toxicity - repeated exposure	:	Category 2 (Bone marrow)
Short-term (acute) aquatic hazard	:	Category 1
Long-term (chronic) aquatic hazard	:	Category 1

#### **GHS** label elements



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Haza	rd pictograms		!
Signa	al word	: Danger	
Haza	rd statements	H334 May cau difficulties if inl H335 May cau H361d Suspec H373 May cau prolonged or re	serious eye irritation. se allergy or asthma symptoms or breathing
Preca	autionary statements	P202 Do not h and understoo P260 Do not b P264 Wash sk P271 Use only P273 Avoid re P280 Wear pro tion/ face prote	reathe dust. in thoroughly after handling. outdoors or in a well-ventilated area. lease to the environment. otective gloves/ protective clothing/ eye protec-
		P304 + P340 - and keep com doctor if you fe P305 + P351 - for several mir easy to do. Co P308 + P313 I attention. P332 + P313 I tion. P337 + P313 I tention.	<ul> <li>P 9338 IF IN EYES: Rinse cautiously with water nutes. Remove contact lenses, if present and intinue rinsing.</li> <li>F exposed or concerned: Get medical advice/ f skin irritation occurs: Get medical advice/ atten- f eye irritation persists: Get medical advice/ at- f experiencing respiratory symptoms: Call a TER/ doctor.</li> </ul>
		<b>Storage:</b> P405 Store loc	sked up.
		<b>Disposal:</b> P501 Dispose disposal plant.	of contents/ container to an approved waste



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

May form explosive dust-air mixture during processing, handling or other means.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Calcium carbonate	471-34-1	60
sulfadiazine	68-35-9	33.34
Trimethoprim	738-70-5	6.66

#### 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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
In case of skin contact	:	
In case of eye contact	:	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.
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	:	Causes skin irritation. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficul- ties if inhaled. May cause respiratory irritation. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Excessive exposure may aggravate preexisting asthma and other respiratory disorders (e.g. emphysema, bronchitis, reac- tive airways dysfunction syndrome).
Protection of first-aiders	:	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment



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Note	es to physician	:		I for exposure exists (see section 8). cally and supportively.
5. FIREF	IGHTING MEASURES			
	able extinguishing media uitable extinguishing	:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical None known.	
med	lia cific hazards during fire-	:	Avoid generating concentrations, a potential dust exp	dust; fine dust dispersed in air in sufficient nd in the presence of an ignition source is a losion hazard. pustion products may be a hazard to health.
Haz ucts	ardous combustion prod-	:	Carbon oxides Metal oxides	
Spe ods	cific extinguishing meth-	:	cumstances and t Use water spray t	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
	cial protective equipment refighters	:	Evacuate area. In the event of fire	e, wear self-contained breathing apparatus. tective equipment.
6. ACCIE	DENTAL RELEASE MEAS	SUF	RES	
tive	sonal precautions, protec- equipment and emer- cy procedures	:	Follow safe handl	tective equipment. ing advice (see section 7) and personal pro- t recommendations (see section 8).
Envi	ironmental precautions	:	Retain and dispos	akage or spillage if safe to do so. se of contaminated wash water. should be advised if significant spillages
	nods and materials for ainment and cleaning up	:	over the area to n Add excess liquid Soak up with iner Avoid dispersal of with compressed Dust deposits sho es, as these may leased into the at Clean up remaining bent. Local or national	h absorbents and place a damp covering ninimise entry of the material into the air. to allow the material to enter into solution. t absorbent material. f dust in the air (i.e., clearing dust surfaces air). buld not be allowed to accumulate on surfac- form an explosive mixture if they are re- mosphere in sufficient concentration. ng materials from spill with suitable absor- regulations may apply to releases and dis- trial, as well as those materials and items



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			mine which regular Sections 13 and	cleanup of releases. You will need to deter- ations are applicable. 15 of this SDS provide information regarding ational requirements.				
7. HANDL	ING AND STORAGE							
Tech	nical measures	:	causing an explose Provide adequate	e precautions, such as electrical grounding				
Local/Total ventilation			and bonding, or inert atmospheres. If sufficient ventilation is unavailable, use with local exhaust					
Advid	e on safe handling	:	Handle in accorda practice, based of sessment Keep container the Already sensitise to asthma, allergi should consult the tory irritants or see Minimize dust get Keep container of Keep away from Take precautiona Do not eat, drink Take care to prev	ust. s. ghly after handling. ance with good industrial hygiene and safety n the results of the workplace exposure as- ghtly closed. d individuals, and those susceptible es, chronic or recurrent respiratory disease, eir physician regarding working with respira-				
	litions for safe storage	:	Store locked up. Keep tightly close Keep in a cool, w Store in accordar	ell-ventilated place.				
Mate	rials to avoid	:	Do not store with Strong oxidizing a	the following product types: agents				

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Calcium carbonate	471-34-1	PEL (long term)	10 mg/m3 (Calcium car- bonate)	SG OEL



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sulfad	liazine	68	8-35-9	TWA	2 mg/m3 (OEB 1)	Internal		
Trime	thoprim	73	88-70-5	TWA	400 µg/m3 (OEB 2)	Internal		
Engir	neering measures	c A d	ompound. Il engineerii esign and o	ng controls s	controls to minimize exponented by hould be implemented by ccordance with GMP print, and the environment.	/ facility		
Perso	onal protective equip	ment						
Respiratory protection			If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection.					
Fil	ter type		: Particulates type					
	protection							
Ma	aterial	: C	hemical-res	sistant gloves	3			
	rotection	lf m V p a	the work er hists or aero Vear a faces otential for o erosols.	nvironment o psols, wear the shield or othe direct contac	side shields or goggles. r activity involves dusty c ne appropriate goggles. er full face protection if the t to the face with dusts, n	ere is a		
	and body protection			n or laborator				
Hygie	ne measures	e ir	ye flushing : ig place.	systems and	likely during typical use, safety showers close to			
					rink or smoke.			
		T e	he effective	operation of controls, prop	ing before re-use. a facility should include per personal protective en nd decontamination proce	quipment,		
		ir	dustrial hyg		ring, medical surveillance			
PHYSIC	AL AND CHEMICAL	PROPE	RTIES					

Appearance	:	powder
Colour	:	light yellow
Odour	:	No data available
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



E F	lash point vaporation rate lammability (solid, gas) lammability (liquids) pper explosion limit / Upper	: : :	No data available Not applicable May form explosi dling or other me	ive dust-air mixture during processing, han-
E F	vaporation rate lammability (solid, gas) lammability (liquids) pper explosion limit / Upper		Not applicable May form explosi	ive dust-air mixture during processing, han-
F	lammability (solid, gas) lammability (liquids) pper explosion limit / Upper		May form explosi	
	lammability (liquids) pper explosion limit / Upper	:		
F	pper explosion limit / Upper	:		ans.
			No data available	9
	ammability limit	:	No data available	9
	ower explosion limit / Lower ammability limit	:	No data available	9
V	apour pressure	:	Not applicable	
R	elative vapour density	:	Not applicable	
R	elative density	:	No data available	9
D	ensity	:	No data available	9
S	olubility(ies) Water solubility	:	No data available	9
	artition coefficient: n- ctanol/water	:	Not applicable	
	uto-ignition temperature	:	No data available	9
D	ecomposition temperature	:	No data available	9
V	iscosity Viscosity, kinematic	:	Not applicable	
E	xplosive properties	:	Not explosive	
О	xidizing properties	:	The substance o	r mixture is not classified as oxidizing.
Р	article size	:	No data available	9

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

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac-	:	May form explosive dust-air mixture during processing, han-
tions		dling or other means.
		Can react with strong oxidizing agents.



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Conc	litions to avoid	:	Heat, flames a					
Incor	Incompatible materials		Avoid dust formation. Oxidizing agents					
	ardous decomposition	:		decomposition products are known.				
1. TOXI	COLOGICAL INFORMAT	<b>IOI</b>	N					
Infor expo	mation on likely routes of sure	:	Inhalation Skin contact Ingestion Eye contact					
	e toxicity							
	classified based on availa	ble	information.					
Prod Acute	l <u>uct:</u> e oral toxicity	:	Acute toxicity e Method: Calcul	stimate: > 2,000 mg/kg ation method				
<u>Com</u>	ponents:							
Calc	ium carbonate:							
Acute	e oral toxicity	:		2,000 mg/kg 9 Test Guideline 420 he substance or mixture has no acute oral tox <sup>.</sup>				
Acute	e inhalation toxicity	:		4 h				
Acute	e dermal toxicity	:		2,000 mg/kg 9 Test Guideline 402 he substance or mixture has no acute dermal				
sulfa	idiazine:							
Acute	e oral toxicity	:	LD50 (Mouse):	1,500 mg/kg				
Acute	e dermal toxicity	:	LD50 (Rat): > 5 Remarks: Base	5,000 mg/kg ed on data from similar materials				
	e toxicity (other routes of nistration)	:	LD50 (Rat): 88 Application Ro	0 mg/kg ute: Intravenous				
			LD50 (Mouse): Application Ro	180 mg/kg ute: Intravenous				



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Trime	ethoprim:			
Acute	oral toxicity	:	LD50 (Rat): 1,500	0 - 5,300 mg/kg
			LD50 (Mouse): 1,	,910 - 7,000 mg/kg
	toxicity (other routes of istration)	:	LD50 (Rat): 400 - Application Route	
			LD50 (Dog): 90 n Application Route	
			LD50 (Mouse): 13 Application Route	
	corrosion/irritation es skin irritation.			
Comp	oonents:			
Calci	um carbonate:			
Speci		:	Rabbit	
Metho Resul		:	OECD Test Guide No skin irritation	eline 404
itesui	l de la construcción de la const	•	NO SKIT ITITATION	
sulfac	diazine:			
Resul		:	Skin irritation	
Rema	ırks	:	Based on data fro	om similar materials
Serio	us eye damage/eye irri	tati	on	
	es serious eye irritation.		-	
Comp	oonents:			
Calci	um carbonate:			
Speci		:	Rabbit	
Resul		:	No eye irritation	
Metho	od	:	OECD Test Guid	eline 405
sulfa	diazine:			
Speci	es	:	Rabbit	
Resul	t	:		reversing within 7 days
Rema	ırks	:	Based on data fro	om similar materials
Resp	iratory or skin sensitis	atic	on	
-	sensitisation assified based on availa	hlo	information	
		ne		
-	iratory sensitisation		ntoms or breathing	g difficulties if inhaled.



rsion I	Revision Date: 30.09.2023		OS Number: 37607-00019	Date of last issue: 04.04.2023 Date of first issue: 08.06.2017
<u>Com</u>	ponents:			
Calci	um carbonate:			
Test		:		de assay (LLNA)
Expo: Speci	sure routes	:	Skin contact Mouse	
Metho		:	OECD Test Gui	deline 429
Resu	lt	:	negative	
	diazine:			
Test		:	Maximisation Te	est
Speci Resu		:	Guinea pig Not a skin sensi	tizer.
Rema		:		rom similar materials
	ethoprim:			
Test		:	Maximisation Te	est
Expo: Speci	sure routes ies	:	Dermal Guinea pig	
Resu		:	Not a skin sensi	tizer.
Germ	cell mutagenicity			
	<b>a cell mutagenicity</b> lassified based on ava	ailable	information.	
Not c	• •	ailable	information.	
Not c <u>Com</u>	lassified based on available	ailable	information.	
Not c <u>Com</u> j Calci	lassified based on ava ponents:	ailable :	Test Type: Bact	erial reverse mutation assay (AMES) Test Guideline 471
Not c <u>Com</u> Calci	lassified based on ava ponents: um carbonate:		Test Type: Bact Method: OECD Result: negative Test Type: Chro	Test Guideline 471 mosome aberration test in vitro Test Guideline 473
Not c <u>Com</u> Calci	lassified based on ava ponents: um carbonate:		Test Type: Bact Method: OECD Result: negative Test Type: Chro Method: OECD Result: negative Test Type: In vit	Test Guideline 471 mosome aberration test in vitro Test Guideline 473 ro mammalian cell gene mutation test Test Guideline 476
Not c <u>Com</u> j Calci Geno	lassified based on ava ponents: um carbonate:		Test Type: Bact Method: OECD Result: negative Test Type: Chro Method: OECD Result: negative Test Type: In vit Method: OECD	Test Guideline 471 mosome aberration test in vitro Test Guideline 473 ro mammalian cell gene mutation test Test Guideline 476
Not c <u>Com</u> Calci Geno	lassified based on ava ponents: um carbonate: toxicity in vitro		Test Type: Bact Method: OECD Result: negative Test Type: Chro Method: OECD Result: negative Test Type: In vit Method: OECD Result: negative Test Type: Bact	Test Guideline 471 pmosome aberration test in vitro Test Guideline 473 tro mammalian cell gene mutation test Test Guideline 476 erial reverse mutation assay (AMES)
Not c <u>Com</u> Calci Geno	lassified based on ava ponents: um carbonate: toxicity in vitro diazine:		Test Type: Bact Method: OECD Result: negative Test Type: Chro Method: OECD Result: negative Test Type: In vit Method: OECD Result: negative Test Type: Bact Result: negative	Test Guideline 471 pmosome aberration test in vitro Test Guideline 473 tro mammalian cell gene mutation test Test Guideline 476 erial reverse mutation assay (AMES)
Not c <u>Com</u> Calci Geno	lassified based on ava ponents: um carbonate: toxicity in vitro diazine:		Test Type: Bact Method: OECD Result: negative Test Type: Chro Method: OECD Result: negative Test Type: In vit Method: OECD Result: negative Test Type: Bact Result: negative Remarks: Based	Test Guideline 471 pmosome aberration test in vitro Test Guideline 473 tro mammalian cell gene mutation test Test Guideline 476 erial reverse mutation assay (AMES) d on data from similar materials
Not c <u>Com</u> Calci Geno	lassified based on ava ponents: um carbonate: toxicity in vitro diazine:		Test Type: Bact Method: OECD Result: negative Test Type: Chro Method: OECD Result: negative Test Type: In vit Method: OECD Result: negative Test Type: Bact Result: negative Remarks: Based Test Type: Chro Test system: Chro	Test Guideline 471 mosome aberration test in vitro Test Guideline 473 tro mammalian cell gene mutation test Test Guideline 476 erial reverse mutation assay (AMES) d on data from similar materials mosomal aberration hinese hamster ovary cells
Not c <u>Com</u> Calci Geno	lassified based on ava ponents: um carbonate: toxicity in vitro diazine:		Test Type: Bact Method: OECD Result: negative Test Type: Chro Method: OECD Result: negative Test Type: In vit Method: OECD Result: negative Test Type: Bact Result: negative Remarks: Based Test Type: Chro Test system: Ch Result: negative	Test Guideline 471 mosome aberration test in vitro Test Guideline 473 tro mammalian cell gene mutation test Test Guideline 476 erial reverse mutation assay (AMES) d on data from similar materials mosomal aberration hinese hamster ovary cells



ersion .1	Revision Date: 30.09.2023	SDS Number: 1737607-000	
	ethoprim:	· Toot Turo	·· Postorial rayona mutation appay (AMES)
Geno	toxicity in vitro	Result: ne	•
		Test Type Result: ne	e: Chromosomal aberration Agative
		Test Type Result: ne	e: In vitro mammalian cell gene mutation test egative
			e: DNA damage and repair, unscheduled DNA syn- nammalian cells (in vitro) egative
Geno	toxicity in vivo	: Test Type Species: F Result: ne	
		Test Type Species: I Result: ne	
	i <b>nogenicity</b> lassified based on ava	lable informatior	۱.
-	oductive toxicity ected of damaging the	unborn child.	
Com	ponents:		
	um carbonate: ts on fertility	reproducti Species: F Applicatio	n Route: Ingestion DECD Test Guideline 422
Effec ment	ts on foetal develop-	Species: F Applicatio	n Route: Ingestion DECD Test Guideline 414
	diazine: ts on foetal develop-	Species: N Applicatio General T Result: Er	e: Development Mouse n Route: Oral oxicity Maternal: NOAEL: 1,000 mg/kg body weight nbryotoxic effects and adverse effects on the off- re detected only at high maternally toxic doses



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Trime	ethoprim:		
Effect	s on fertility		
Effect ment	s on foetal develop-	Result: Effect	oute: Oral al Toxicity: LOAEL: 70 mg/kg body weight
		Result: Embry	
			ster
			bit
Repro sessm	oductive toxicity - As- nent	: Suspected of	damaging the unborn child.
	- single exposure ause respiratory irritat	ion.	
-	oonents:		
	<b>diazine:</b> ssment	: May cause re	spiraton, irritation



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May c	<b>- repeated exposur</b> ause damage to orga ponents:		ugh prolonged or repeated exposure.
Targe	e <b>thoprim:</b> t Organs ssment	: Bone marrow : Causes damag exposure.	e to organs through prolonged or repeated
Repe	ated dose toxicity		
Comp	oonents:		
Calci	um carbonate:		
	EL cation Route sure time	: Rat : > 1,000 mg/kg : Ingestion : 28 Days : OECD Test Gu	ideline 422
Trime	thoprim:		
Expos	EL	: Rat : 100 mg/kg : 300 mg/kg : Oral : 6 Months : Bone marrow, I	-iver, Pituitary gland, Thyroid
Expos		: Rat : 300 mg/kg : Oral : 3 Months : Bone marrow	
Expos	EL	: Dog : 2.5 mg/kg : 45 mg/kg : Oral : 3 Months : Blood, Thyroid	
-	ation toxicity assified based on ava	ilable information.	
Expe	rience with human e	xposure	

#### sulfadiazine:

General Information

: May cause eye, skin, and respiratory tract irritation.



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	<b>Trimet</b> Ingesti	<b>hoprim:</b> on	:		one marrow ninal pain, Nausea, Vomiting, skin rash, che, mental depression, confusion
12.	ECOLO	GICAL INFORMATION	1		
	Ecoto	kicity			
	Comp	onents:			
		<b>m carbonate:</b> y to fish	:	Exposure time: 96	Vater Accommodated Fraction
		y to daphnia and other c invertebrates	:	Exposure time: 48	Vater Accommodated Fraction
	Toxicit <u></u> plants	y to algae/aquatic	:	mg/l Exposure time: 72	Vater Accommodated Fraction
				mg/l Exposure time: 72	Vater Accommodated Fraction
	Toxicit	y to microorganisms	:	NOEC: 1,000 mg/ Exposure time: 3 Method: OECD Te	า
				EC50: > 1,000 mg Exposure time: 3 Method: OECD Te	n
		<b>iazine:</b> y to fish	:	LC50 (Pimephales Exposure time: 96 Method: OECD Te	
		y to daphnia and other c invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	



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Tox plar	icity to algae/aquatic hts	:	Exposure time: 72 Method: OECD T	est Guideline 201 a flos-aquae): 3.9 mg/l
			Method: OECD T EC50 (Pseudokire mg/l Exposure time: 72	est Guideline 201 chneriella subcapitata (green algae)): > 1 2 h
			Method: OECD T NOEC (Pseudoki mg/l Exposure time: 72 Method: OECD T	rchneriella subcapitata (green algae)): 0.13 2 h
			EC50 (Microcystic Exposure time: 7 Method: ISO 8692	
		:	1	
aqu	) icity to daphnia and other atic invertebrates (Chron- pxicity)	:	NOEC (Daphnia r Exposure time: 2 <sup>-7</sup> Method: OECD T	
	actor (Chronic aquatic	:	1	
toxi Tox	icity to microorganisms	:	EC50: > 1,000 m Exposure time: 3 Test Type: Respin Method: OECD T	h ration inhibition
			NOEC: 1,000 mg, Exposure time: 3 Test Type: Respin Method: OECD T	h ration inhibition
Trin	nethoprim:			
Тох	icity to fish	:	LC50 (Pimephale Exposure time: 96	s promelas (fathead minnow)): 100 mg/l S h
	icity to daphnia and other atic invertebrates	:	EC50 (Daphnia m Exposure time: 48	agna Straus): 92 mg/l 3 h
Tox plar	icity to algae/aquatic hts	:	EC50 (Pseudokiro mg/l Exposure time: 72	chneriella subcapitata (microalgae)): 80.3 2 h
			NOEC (Pseudoki	rchneriella subcapitata (green algae)): 16



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			mg/l Exposure time: 72	2 h
			EC50 (Anabaena Exposure time: 72	flos-aquae): 253 mg/l 2 h
			EC10 (Anabaena Exposure time: 72	flos-aquae): 26 mg/l 2 h
Toxici icity)	ity to fish (Chronic tox-	:	NOEC (Zebrafish) Exposure time: 21	
aquat	ity to daphnia and other ic invertebrates (Chron-	:	NOEC (Daphnia r Exposure time: 21	magna (Water flea)): 6 mg/l 1 d
ic toxi Toxici	city) ity to microorganisms	:	EC10: 16.7 mg/l Exposure time: 3 Test Type: Respir Method: OECD To	ration inhibition
			EC50: > 1,000 mg Exposure time: 3 Test Type: Respir Method: OECD Te	hrs ration inhibition
Persi	stence and degradabili	ty		
<u>Comp</u>	oonents:			
	<b>diazine:</b> gradability	:	Result: Not readily Biodegradation: ( Exposure time: 28 Method: OECD To	0 % 3 d
Trime	ethoprim:			
Biode	gradability	:	Result: Not readily Biodegradation: 4 Exposure time: 28 Method: OECD To	4 %
			Biodegradation: ( Exposure time: 28	
Bioac	cumulative potential			
<u>Comp</u>	ponents:			
	diazine:			



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	on coefficient: n- ol/water	:	log Pow: 0.12	
Partiti	e <b>thoprim:</b> on coefficient: n- ol/water	:	log Pow: 0.91	
	i <b>ty in soil</b> Ita available			
	<b>adverse effects</b> Ita available			
. DISPO	SAL CONSIDERATION	٧S		
Dispo	osal methods			
Waste	e from residues	:		of waste into sewer. cordance with local regulations.
Conta	minated packaging	:	Empty containe dling site for rec	s should be taken to an approved waste har ycling or disposal.
			If not otherwise	specified: Dispose of as unused product.
. TRAN	SPORT INFORMATION	1	If not otherwise	specified: Dispose of as unused product.
	SPORT INFORMATION	1	If not otherwise	specified: Dispose of as unused product.
Interr UNR1	national Regulations	1		specified: Dispose of as unused product.
Interr UNRI UN nu	national Regulations	<b>I</b> : :	UN 3077 ENVIRONMEN N.O.S.	
Interr UNRT UN nu Prope Class	national Regulations FDG umber er shipping name	<b>I</b> : :	UN 3077 ENVIRONMEN N.O.S. (sulfadiazine) 9	
Interr UNRT UN nu Prope Class Packi	national Regulations FDG umber er shipping name	<b>I</b>	UN 3077 ENVIRONMEN N.O.S. (sulfadiazine) 9 III	
Interr UNRT UN nu Prope Class Packi Labeli	national Regulations FDG umber er shipping name	:::::::::::::::::::::::::::::::::::::::	UN 3077 ENVIRONMEN N.O.S. (sulfadiazine) 9	
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		(sulfadiazine)
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.

#### 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**

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

#### Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.

Environmental Protection and Management Act and Environmental Protection and Management (Hazard- ous Substances) Regulations	:	Not applicable	
Fire Safety (Petroleum and Flammable Materials)	:	Not applicable	

Regulations

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	:	30.09.2023
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/
Date format	:	dd.mm.yyyy

Full text of other abbreviations



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SG OEL

Singapore. Workplace Safety and Health (General Provisions) Regulations - First Schedule Permissible Exposure Limits of Toxic Substances.

SG OEL / PEL (long term) : Permissible Exposure Level (PEL) Long Term

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

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.

SG / EN