

Versi 6.1	on	Revision Date: 30.09.2023		S Number: 56199-00022	Date of last issue: 04.04.2023 Date of first issue: 13.02.2018	
SEC1	TION 1	IDENTIFICATION				
F	Product name		:		Streptomycin Sulphate / Procaine Hydrochlo- Liquid Formulation	
ſ	Manufa	acturer or supplier's	deta	ils		
	Compa			MSD		
ļ	Address		:	Talcahuano 750, 6th floor, Ciudad Autonoma Buenos Aires, Argentina C1013AAP		
٦	Telephone		:	908-740-4000		
E	Emerge	ency telephone	:	1-908-423-6000		
E	E-mail a	address	:	EHSDATASTEW	/ARD@msd.com	
F	Recom	mended use of the c	hem	ical and restriction	ons on use	
-		mended use tions on use	:	Veterinary produ Not applicable	ct	

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification		
Acute toxicity (Oral)	:	Category 5
Serious eye damage/eye irritation	:	Category 2B
Respiratory sensitization	:	Category 1
Skin sensitization	:	Category 1
Reproductive toxicity	:	Category 1A
Specific target organ toxicity - single exposure	:	Category 2 (Nervous system, Heart)
Specific target organ toxicity - repeated exposure	:	Category 1 (Kidney, inner ear)
Specific target organ toxicity - repeated exposure	:	Category 2 (Gastrointestinal tract)
Short-term (acute) aquatic hazard	:	Category 1



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Long- hazai	-term (chronic) aquatic rd	: Cate	gory 1	
	label elements rd pictograms			¥
Signa	al Word	: Dang	er	
Haza	rd Statements	H317 H320 H334 difficu H360 H371 H372 prolo H373 throu	May cause Causes e May cause ulties if inh D May dau May cause Causes d nged or re May cause gh prolong	armful if swallowed. the an allergic skin reaction. type irritation. the allergy or asthma symptoms or breathing aled. mage the unborn child. the damage to organs (Nervous system, Heart). lamage to organs (Kidney, inner ear) through peated exposure. the damage to organs (Gastrointestinal tract) ged or repeated exposure. to aquatic life with long lasting effects.
Preca	autionary Statements	P201 P202 and u P260 P264 P270 P272 the w P273 P280 tion/	Do not ha inderstood Do not br Wash skii Do not ea Contamin rorkplace. Avoid rele Wear prot	eathe mist or vapors. In thoroughly after handling. It, drink or smoke when using this product. I ated work clothing should not be allowed out of ease to the environment. tective gloves/ protective clothing/ eye protec-
		P302 P304 keep P305 for se easy P308 CEN P333 vice/	+ P340 IF comfortab + P351 + everal minu to do. Con + P311 IF TER/ docto + P313 If attention. + P313 If	F ON SKIN: Wash with plenty of water. F INHALED: Remove person to fresh air and le for breathing. P338 IF IN EYES: Rinse cautiously with water utes. Remove contact lenses, if present and tinue rinsing. F exposed or concerned: Call a POISON or. skin irritation or rash occurs: Get medical ad- eye irritation persists: Get medical advice/ at-



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		POISON CEN	Take off contaminated clothing and wash it before
		P405 Store loc	cked up.
		Disposal: P501 Dispose disposal plant.	of contents/ container to an approved waste

Additional Labeling

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 3%

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Benzylpenicillin	61-33-6	>= 10 -< 20
Streptomycin sulphate	3810-74-0	>= 10 -< 20
Procaine hydrochloride	51-05-8	>= 1 -< 5
Piroxicam	36322-90-4	>= 1 -< 3

SECTION 4. FIRST AID MEASURES

General advice	In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If 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 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	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.



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If swallowed Most important symptoms		 If swallowed, D Get medical at Rinse mouth th Never give any May be harmful 	 Get medical attention. If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. May be harmful if swallowed. 					
and ei delaye	ffects, both acute and ed	Causes eye irr May cause alle ties if inhaled. May damage th May cause dar Causes damage exposure. Excessive expo	allergic skin reaction. itation. ergy or asthma symptoms or breathing difficul- he unborn child. mage to organs. ge to organs through prolonged or repeated osure may aggravate preexisting asthma and ry disorders (e.g. emphysema, bronchitis, reac-					
	ction of first-aiders to physician	tive airways dy First Aid respo and use the re- when the poter	sfunction syndrome). nders should pay attention to self-protection, commended personal protective equipment ntial for exposure exists (see section 8). natically and supportively.					

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
Specific hazards during fire fighting	:	Exposure to combustion products may be a hazard to health.
	:	Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus Metal oxides
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- :	:	Use personal protective equipment.
tive equipment and emer-		Follow safe handling advice (see section 7) and personal
gency procedures		protective equipment recommendations (see section 8).



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Env	ironmental precautions	:	Prevent spreading oil barriers). Retain and dispos	akage or spillage if safe to do so. g over a wide area (e.g., by containment or se of contaminated wash water. should be advised if significant spillages
Methods and materials for containment and cleaning up		:	For large spills, pro- containment to kee can be pumped, so container. Clean up remaining absorbent. Local or national of disposal of this m employed in the of determine which in Sections 13 and 1	t absorbent material. rovide diking or other appropriate eep material from spreading. If diked material store recovered material in appropriate ing materials from spill with suitable regulations may apply to releases and aterial, as well as those materials and items leanup of releases. You will need to regulations are applicable. IS of this SDS provide information regarding tional requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	If sufficient ventilation is unavailable, use with local exhaust ventilation.
Advice on safe handling	:	Do not get on skin or clothing. Do not breathe mist or vapors. Do not swallow. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Keep container tightly closed. Already sensitized individuals, and those susceptible to asthma, allergies, chronic or recurrent respiratory disease, should consult their physician regarding working with respiratory irritants or sensitizers. Do not eat, drink or smoke when using this product.
		Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	:	Keep in properly labeled containers. Store locked up. Keep tightly closed. Store in accordance with the particular national regulations.
Materials to avoid	:	Do not store with the following product types: Strong oxidizing agents Self-reactive substances and mixtures Organic peroxides



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Explosives Gases

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

	-				
Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis	
Benzylpenicillin	61-33-6	TWA	600 µg/m3 (OEB 2)	Internal	
	Further informa	ation: RSEN, DS	EN		
		Wipe limit	100 µg/100 cm2	Internal	
Streptomycin sulphate	3810-74-0	TWA	OEB 2 (>= 100 < 1,000 µg/m3)	Internal	
	Further information: DSEN				
Procaine hydrochloride	51-05-8	TWA	60 µg/m3 (OEB 3)	Internal	
		Wipe limit	600 µg/100 cm²	Internal	
Piroxicam	36322-90-4	TWA	100 µg/m3 (OEB 2)	Internal	

Engineering measures Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., dripless quick connections). All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Laboratory operations do not require special containment. Personal protective equipment Respiratory protection If adequate local exhaust ventilation is not available or : exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection. Particulates type Filter type : Hand protection Material Chemical-resistant gloves Wear safety glasses with side shields or goggles. Eye protection 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 Work uniform or laboratory coat. If exposure to chemical is likely during typical use, provide Hygiene measures eye flushing systems and safety showers close to the working place.



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<u></u>	N 9. PHYSICAL AND CHE		The effective oper engineering contro appropriate degov industrial hygiene use of administrat	
	earance	:	liquid	
Col		:	No data available	1
Odo	pr	:	No data available	
Odo	or Threshold	:	No data available	
pН		:	No data available	
Mel	ting point/freezing point	:	No data available	
Initi rang	al boiling point and boiling ge	:	No data available	
Flas	sh point	:	No data available	
Eva	poration rate	:	No data available	
Flar	nmability (solid, gas)	:	Not applicable	
Flar	nmability (liquids)	:	No data available	
	er explosion limit / Upper mability limit	:	No data available	
	ver explosion limit / Lower Imability limit	:	No data available	
Vap	or pressure	:	No data available	
Rela	ative vapor density	:	No data available	
Rela	ative density	:	No data available	
Der	sity	:	No data available	
	ubility(ies) Vater solubility	:	No data available	
	tition coefficient: n- anol/water	:	Not applicable	
	bignition temperature	:	No data available	



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De	composition temperature	:	No data availabl	e
	cosity Viscosity, kinematic plosive properties	:	No data availabl Not explosive	e
Oxi	dizing properties	:	The substance of	or mixture is not classified as oxidizing.
Мо	lecular weight	:	No data availabl	e
Pai	ticle size	:	Not applicable	

SECTION 10. STABILITY AND REACTIVITY

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

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of : exposure	Inhalation Skin contact Ingestion Eye contact
Acute toxicity	
May be harmful if swallowed.	
Product:	
Acute oral toxicity :	Acute toxicity estimate: 2.447 mg/kg Method: Calculation method
Components:	
Benzylpenicillin:	
Acute oral toxicity :	LD50 (Rat): 8.000 mg/kg
	LD50 (Mouse): > 5.000 mg/kg
Acute toxicity (other routes of : administration)	LD50 (Mouse): 3.500 mg/kg Application Route: Intraperitoneal
	LD50 (Mouse): 329 mg/kg Application Route: Intravenous



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	Streptor	nycin sulphate:			
	Acute or	al toxicity	:	LD50 (Hamster): 4	100 mg/kg
				LD50 (Rat): 430 m	ng/kg
				LD50 (Mouse): 25	.000 mg/kg
	Acute to: administ	xicity (other routes of ration)	:	LD50 (Mouse): 85 Application Route:	
				LD50 (Mouse): 57 Application Route:	
				LD50 (Mouse): 50 Application Route:	
				TDLo (Dog): 220 - Application Route: Symptoms: Lower	Intravenous
				LDLo (Monkey): 1 Application Route:	
				TDLo (Monkey): 3 Application Route: Symptoms: respira	Subcutaneous
	Procain	e hydrochloride:			
	Acute or	al toxicity	:	LD50 (Rat): 200 m	ng/kg
				LD50 (Mouse): 35	0 mg/kg
	Acute to: administ	xicity (other routes of ration)	:	LD50 (Rat): 43 mg Application Route:	
				LD50 (Mouse): 33 Application Route:	
				LD50 (Dog): 33 m Application Route:	
	Piroxica	ım:			
	Acute or	al toxicity	:	LD50 (Rat): 216 m	ng/kg
				LD50 (Dog): 108 n	ng/kg
				LD50 (Hamster): 1	170 mg/kg
				LD50 (Guinea pig)): 388 mg/kg
				LD50 (Guinea pig)): 388 mg/kg



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		LD50 (Monke	ey): 1.000 mg/kg
Acute	e dermal toxicity	: LD50 (Rat): >	• 5.000 mg/kg
•••••	corrosion/irritation lassified based on av	ailable information.	
	ous eye damage/eye es eye irritation.	irritation	
Com	ponents:		
Strep Resu	otomycin sulphate: It	: Mild eye irrita	tion
Proca Resu	aine hydrochloride: ^{It}	: Moderate eye	e irritation
Resp	iratory or skin sens	itization	
•••••	sensitization cause an allergic skin	reaction.	
	iratory sensitization cause allergy or asthr		thing difficulties if inhaled.
Com	ponents:		
Benz	ylpenicillin:		
Test Route Speci Resu	es of exposure ies	: Local lymph r : Dermal : Mouse : Weak sensitiz	node assay (LLNA) zer
Test ⁻ Route Speci Resu Rema	es of exposure ies It	: Maximization : Dermal : Guinea pig : positive	Test a from similar materials
Resu Rema	lt	: Strong sensit	
Stron	otomycin sulphate:		
Test	Type es of exposure ies	: Human repea : Dermal : Humans : Weak sensitiz	at insult patch test (HRIPT) zer



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		ne hydrochloride: of exposure ks	:	Dermal Sensitizer Based on human Based on data fro	experience. om similar materials	
		cell mutagenicity ssified based on availa	able	e information.		
	Compo	onents:				
	-	l penicillin: cell mutagenicity - cment	:	Weight of evidend cell mutagen.	ce does not support classification as a germ	
		omycin sulphate: oxicity in vitro	:	Test Type: Chromosomal aberration Result: equivocal		
	Genoto	oxicity in vivo	:	: Test Type: Chromosomal aberration Cell type: Human lymphocytes Result: negative		
	Procai	ne hydrochloride:				
		oxicity in vitro	:	Test Type: Bacte Result: equivocal	rial reverse mutation assay (AMES)	
	Piroxio	am:				
	Genoto	oxicity in vivo	:	: Test Type: sister chromatid exchange assay Species: Humans Cell type: Human lymphocytes Result: negative		
		ogenicity ssified based on availa	able	information.		
	Compo	onents:				
	Specie	ation Route	: : :	Rat Oral 5 mg/kg body we negative	ght	
	Carcino ment	ogenicity - Assess-	:	Weight of evidence does not support classification as a car- cinogen		



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	-	uctive toxicity mage the unborn chilc nents:	ł.		
		oenicillin: on fertility	:	Test Type: Fertility Species: Mouse Result: No effects	
				Test Type: Fertility Species: Rat Result: No effects	
				Test Type: Fertility Species: Rabbit Result: No effects	
	Effects	on fetal development	:	Test Type: Develo Species: Mouse Result: No effects	opment on fetal development.
				Test Type: Develo Species: Rat Result: No effects	opment on fetal development.
				Test Type: Develo Species: Rabbit Result: No effects	opment on fetal development.
	Strepto	mycin sulphate:			
	-	on fertility	:		
	Effects	on fetal development	:		
				Test Type: Develo Species: Rabbit Application Route Developmental To Result: No teratog	: Oral oxicity: NOAEL: 10 mg/kg body weight
	Reprodu sessme	uctive toxicity - As- nt	:	May damage the u	unborn child.



ersion 1	Revision Date: 30.09.2023)S Number: 56199-00022	Date of last issue: 04.04.2023 Date of first issue: 13.02.2018
	ne hydrochloride: ductive toxicity - As- ent	:	May damage the	unborn child.
Piroxi	cam:			
Effects	on fetal development	:	: Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: LOAEL: 10 mg/kg body weigh Result: Embryo-fetal toxicity., No teratogenic effects., F growth retardation	
			Symptoms: Fetal Result: Embryo-fe growth retardation	e: Oral oxicity: LOAEL: 30 mg/kg body weight mortality. etal toxicity., No teratogenic effects., Fetal
			Test Type: Develor Species: Rabbit Application Route Developmental To Result: No embry	e: Oral oxicity: NOAEL: 10 mg/kg body weight
Reproo sessm	ductive toxicity - As- ent	:	Suspected of dan	naging the unborn child.
	single exposure			
	ause damage to organs	5 (Ne	ervous system, Hea	art).
<u>Comp</u>	onents:			
	ne hydrochloride:			
Target Assess	Organs sment	:	Nervous system, Causes damage	
Cause May ca				gh prolonged or repeated exposure.) through prolonged or repeated exposure.

Components:

Streptomycin sulphate:

Target Organs



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	Assess	sment	:	Causes damage t exposure.	to organs through prolonged or repeated
	Piroxic	cam:			
	Target Assess	Organs sment	:	Gastrointestinal tr Causes damage t exposure.	ract to organs through prolonged or repeated
	Repea	ted dose toxicity			
	Compo	onents:			
	Strept	omycin sulphate:			
	Specie	S	:	Rat	
	NOAEI	_	:	100 mg/kg	
	Applica	ation Route	:	Subcutaneous	
		ure time	:	72 Days	
	Remar	ks	:	No significant adv	verse effects were reported
	Specie	s		Cat	
	LOAEL		÷	200 mg/kg	
	-	ation Route	÷	Oral	
		ure time	÷	90 Days	
		Organs	:	inner ear	
	Specie	S	:	Dog	
	LÖAEL		:	44 mg/kg	
	Applica	ation Route	:	Intramuscular	
		ure time	:	14 Days	
	Target	Organs	:	inner ear	
	Specie	S	:	Dog	
	LOAEL	-	:	50 - 100 mg/kg	
		ation Route	:	Intramuscular	
		ure time	:	20 Days	
		Organs	:	inner ear, Kidney	
	Sympto	oms	:	ataxia	
	Specie		:	Monkey	
	NOAEI		:	50 mg/kg	
	LOAEL		:	100 mg/kg	
		ation Route	:	Intramuscular	
		ure time	:	5 Days	
	Target	Organs	:	Liver, Kidney	
	Specie		:	Rat	
	NOAEI		:	5 mg/kg	
		ation Route	:	Oral	
		ure time	:	2 у	
	Remar	ks	:	No significant adv	verse effects were reported



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Expo Targe		: Monkey : 25 mg/kg : Subcutaneous : 66 Days : Blood, Liver, Ki : anemia	dney
-	r ation toxicity lassified based on ava	ailable information.	
Expe	rience with human e	exposure	
Com	ponents:		
Benz	ylpenicillin:		
Inhala	ation	: Symptoms: Alle chospasm, skir	ergic reactions, Abdominal pain, bron- rash
Strep	otomycin sulphate:		
Inhala	ation	: Target Organs: Symptoms: hea Target Organs: Symptoms: hea	aring loss Kidney
Skin	contact	: Symptoms: skir	
Proc	aine hydrochloride:		
Inhala	ation	Symptoms: ner difficulties, Ras Remarks: May Based on clinic Target Organs: Symptoms: ner difficulties, Ras	Heart vousness, Dizziness, Convulsions, Breathing h, Swelling of tissue, irregular heart beat cause harm to the unborn child.
Pirox	kicam:		
Inges	tion	Symptoms: Dia	Gastrointestinal tract rrhea, constipation, flatulence, Headache, Diz skin rash, Ulceration, chest pain, Abdominal
SECTION	12. ECOLOGICAL IN	NFORMATION	
Ecot	oxicity		
	•		
	ponents:		
	ylpenicillin: ity to fish	: LC50 (Oncorhy Exposure time:	nchus mykiss (rainbow trout)): > 100 mg/l 96 hrs

Method: OECD Test Guideline 203



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		<i>r</i> to daphnia and other invertebrates	:	: EC50 (Daphnia magna (Water flea)): 3,6 mg/l Exposure time: 48 hrs Method: OECD Test Guideline 202			
	Toxicity plants	✓ to algae/aquatic	:	 EC50 (Raphidocelis subcapitata (freshwater green alg 100 mg/l Exposure time: 72 hrs Method: OECD Test Guideline 201 			
				NOEC (Raphidocomg/l mg/l Exposure time: 72 Method: OECD Te			
				EC50 (blue-green Exposure time: 72 Method: OECD Te	2 hrs		
				NOEC (blue-green algae): 0,14 mg/l Exposure time: 72 hrs Method: OECD Test Guideline 201			
	M-Factor (Acute aquatic tox- icity) Toxicity to microorganisms		:	1			
			:	EC50: > 500 mg/l Exposure time: 3 Test Type: Respir Method: OECD Te	ation inhibition		
				NOEC: 5 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 209			
	Strepto	omycin sulphate:					
	Toxicity	to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te			
	Toxicity plants	✓ to algae/aquatic	:	EC50 (Microcystis Exposure time: 72 Method: ISO 8692			
				EC50 (Selenastru Exposure time: 72 Method: OECD Te			
		or (Acute aquatic tox-	:	100			
		/ to daphnia and other invertebrates (Chron-	:	NOEC (Daphnia r Exposure time: 21	nagna (Water flea)): 32 mg/l d		



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ic tox	icity)		Method: OECD	Test Guideline 211		
	M-Factor (Chronic aquatic toxicity)		100			
Proc	aine hydrochloride:					
Ecote	oxicology Assessmer	nt				
Acute	e aquatic toxicity	:	: Toxic effects cannot be excluded			
Chror	Chronic aquatic toxicity		Toxic effects cannot be excluded			
Pirox	ticam:					
Ecote	oxicology Assessmer	nt				
Acute	e aquatic toxicity	:	Toxic effects ca	annot be excluded		
Chror	nic aquatic toxicity	:	Toxic effects ca	annot be excluded		
Persi	stence and degradab	ility				
Com	ponents:					
Benz	ylpenicillin:					
Biode	egradability	:	Result: Readily Biodegradation Exposure time: Method: OECD	: 70,10 %		
Bioa	ccumulative potential					
Com	ponents:					
Partit	otomycin sulphate: ion coefficient: n- ol/water	:	log Pow: -3,2			
Partit	aine hydrochloride: ion coefficient: n- ol/water	:	log Pow: 2,14			
	lity in soil ata available					
	r adverse effects					
	ata available					

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues

: Do not dispose of waste into sewer. Dispose of in accordance with local regulations.



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Co	Contaminated packaging		Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.			
SECTIO	SECTION 14. TRANSPORT INFORMATION					
Int	ternational Regulations					
Ű	NRTDG N number oper shipping name	:	N.O.S.	LLY HAZARDOUS SUBSTANCE, LIQUID,		
Pa La	ass acking group bels wironmentally hazardous	:	(Benzyipeniciliin, 9 III 9 yes	Streptomycin sulphate)		
١U	TA-DGR N/ID No. oper shipping name	:		azardous substance, liquid, n.o.s. Streptomycin sulphate)		
Pa La Pa	ass acking group bels acking instruction (cargo craft)	:	9 III Miscellaneous 964			
Pa ge	acking instruction (passen- r aircraft) nvironmentally hazardous	:	964 yes			
MI UN	DG-Code N number oper shipping name	:	UN 3082 ENVIRONMENTA N.O.S.	LLY HAZARDOUS SUBSTANCE, LIQUID,		
Pa La En	ass acking group bels nS Code arine pollutant	:	9 III 9 F-A, S-F yes			

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

Not applicable for product as supplied.

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.



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SECTION 15. REGULATORY INFORMATION

Safety, health and environn mixture	nental regulations/legis	latio	n specific for the substance or
Argentina. Carcinogenic Subs Registry.	stances and Agents	:	Not applicable
Control of precursors and ess preparation of drugs.	ential chemicals for the	:	Not applicable
The ingredients of this proc	luct are reported in the	follo	wing inventories:
AICS	: not determined		

DSL	:	not determined
IECSC	:	not determined

SECTION 16. OTHER INFORMATION

Revision Date	: 30.09.2023
Date format	: dd.mm.yyyy

Further information

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

Full text of other abbreviations

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



Benzylpenicillin / Streptomycin Sulphate / Procaine Hydrochloride / Piroxicam Liquid Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 04.04.2023
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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 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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