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SECTION 1. IDENTIFICATION

Product name	:	Gentamicin / Cloxacillin Formulation				
Manufacturer or supplier's details						
Company name of supplier Address	:	Merck & Co., Inc 126 E. Lincoln Avenue Rahway, New Jersey U.S.A. 07065				
Telephone Emergency telephone E-mail address	:	908-740-4000 1-908-423-6000 EHSDATASTEWARD@merck.com				
Recommended use of the chemical and restrictions on use						
Recommended use Restrictions on use	:	Veterinary product Not applicable				

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)				
Respiratory sensitization	:	Category 1		
Skin sensitization	:	Category 1		
Reproductive toxicity	:	Category 1A		
GHS label elements Hazard pictograms	:			
Signal Word	:	Danger		
Hazard Statements	:	H317 May cause an allergic skin reaction. H334 May cause allergy or asthma symptoms or breathing diffi- culties if inhaled. H360D May damage the unborn child.		
Precautionary Statements	:	 Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P261 Avoid breathing mist or vapors. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves, protective clothing, eye protection and face protection. P285 In case of inadequate ventilation wear respiratory protection. 		

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		P304 + P341 IF son to fresh air P308 + P313 IF P333 + P313 If tion. P342 + P311 If tor.	ON SKIN: Wash with plenty of soap and water. INHALED: If breathing is difficult, remove per- and keep comfortable for breathing. exposed or concerned: Get medical attention. skin irritation or rash occurs: Get medical atten- experiencing respiratory symptoms: Call a doc- ntaminated clothing before reuse.		
		Storage: P405 Store locl	ked up.		
		Disposal: P501 Dispose of contents and container to an approved waste disposal plant.			
Othe	r hazards				

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Peanut oil	8002-03-7	90 - 95
1,2,3-Propanetriyl tris(12- hydroxyoctadecanoate)	139-44-6	3.5
cloxacillin	61-72-3	2.2
Gentamicin	1403-66-3	0.5

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		Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed	•	If swallowed, DO NOT induce vomiting.



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Most important symptoms and effects, both acute and delayed		:	Get medical attention. Rinse mouth thoroughly with water. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May damage the unborn child. Excessive exposure may aggravate preexisting asthma and other respiratory disorders (e.g. emphysema, bronchitis,			
Protection of first-aiders		:	reactive airways dysfunction syndrome). First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).			
	Notes t	o physician	:	Treat symptomati	cally and supportively.	
SEC	CTION 5	. FIRE-FIGHTING MEA	ASL	IRES		
	Suitable extinguishing media		:	Water spray Alcohol-resistant f Carbon dioxide (C Dry chemical		
	Unsuitable extinguishing media		:	None known.		
	Specific hazards during fire fighting		:	Exposure to comb	pustion products may be a hazard to health.	
	Hazard ucts	lous combustion prod-	prod- : Carbon oxides Chlorine compounds Nitrogen oxides (NOx) Sulfur compounds		NOx)	
	Specifi ods	c extinguishing meth-	:	cumstances and t Use water spray t	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do	
		l protective equipment fighters	:		e, wear self-contained breathing apparatus. ective equipment.	

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).
Environmental precautions	:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water.

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		Local authorities cannot be contai	should be advised if significant spillages ned.
Methods and materials for containment and cleaning up		For large spills, p containment to k can be pumped, container. Clean up remain absorbent. Local or national disposal of this r employed in the determine which Sections 13 and	rt absorbent material. provide 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 naterial, as well as those materials and items cleanup of releases. You will need to regulations are applicable. 15 of this SDS provide information regarding ational 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. Avoid contact with eyes. 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. 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 Explosives Gases

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters



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Comp	oonents	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis	
Pean	ut oil	8002-03-7	TWA (mist - total)	10 mg/m ³	NIOSH REL	
			TWA (mist - respirable)	5 mg/m ³	NIOSH REL	
	Propanetriyl tris(12- xyoctadecanoate)	139-44-6	TWA (Inhal- able particu- late matter)	10 mg/m ³	ACGIH	
			TWA (Res- pirable par- ticulate mat- ter)	3 mg/m ³	ACGIH	
cloxa	cillin	61-72-3	TŴA	100 µg/m3 (OEB 2)	Internal	
		Further inform	ation: RSEN, DS	SEN		
			Wipe limit	100 µg/100 cm2	Internal	
Genta	amicin	1403-66-3	TWA	0.1 mg/m3 (OEB 2)	Internal	
		Further inform	ation: OTO			

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 General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection. Hand protection Material Chemical-resistant gloves Wear safety glasses with side shields or goggles. Eye protection 2 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. :

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Hygie	ne measures	eye flushing sys working place. When using do Contaminated w workplace. Wash contamin The effective op engineering con appropriate deg	hemical is likely during typical use, provide stems and safety showers close to the not eat, drink or smoke. work clothing should not be allowed out of the ated clothing before re-use. beration of a facility should include review of strols, proper personal protective equipment, owning and decontamination procedures, ne monitoring, medical surveillance and the rative controls.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	suspension
Color	:	white
Odor	:	No data available
Odor 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	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	No data available
Relative vapor density	:	No data available
Relative density	:	No data available
Density	:	No data available
Solubility(ies) Water solubility	:	No data available

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octa Aut	tition coefficient: n- anol/water oignition temperature composition temperature	 Not applicable No data availa No data availa 	able
,	cosity Viscosity, kinematic Iosive properties	: No data availa : Not explosive	
Par	dizing properties ticle characteristics ticle size	: The substanc : Not applicable	e or mixture is not classified as oxidizing.

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

Not classified based on available information.

Product:

Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Components:		
Peanut oil:		
Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 401 Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg

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			Remarks: Based	on data from similar materials
1	,2,3-Propanetriyl tris(12-h	ydro	xyoctadecanoate):
	cute oral toxicity	:	LD50 (Rat): > 5,00	
А	cute dermal toxicity	:	LD50 (Rat): > 2,00 Remarks: Based o	00 mg/kg on data from similar materials
с	loxacillin:			
A	cute oral toxicity	:	LD50 (Rat): 5,000) mg/kg
			LD50 (Mouse): 5,0	000 mg/kg
	cute toxicity (other routes of dministration)	f:	LD50 (Mouse): 1, Application Route	
			LD50 (Mouse): 91 Application Route	
			LD50 (Mouse): 1, Application Route	
			LD50 (Rat): 1,660 Application Route	
			LD50 (Rat): 4,200 Application Route	
G	entamicin:			
A	cute oral toxicity	:	LD50 (Rat): 8,000) - 10,000 mg/kg
			LD50 (Mouse): 10),000 mg/kg
A	cute inhalation toxicity	:	LC50 (Rat): > 0.2 Exposure time: 4 Test atmosphere: Remarks: No mor	h
	cute toxicity (other routes of dministration)	f:	LD50 (Rat): 67 - 9 Application Route	
			LD50 (Rat): 371 - Application Route	
			LDLo (Monkey): 3 Application Route	

Skin corrosion/irritation

Not classified based on available information.

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Com	iponents:					
Pear	nut oil:					
Spec	cies	: Rabbit				
Resu		: No skin irritation				
Rem	arks	: Based on data from similar materials				
1,2,3	-Propanetriyl tris(12-	nydroxyoctadecanoate):				
Spec	cies	: Rabbit				
Resu		: No skin irritation				
Rem	arks	: Based on data from sir	nilar materials			
clox	acillin:					
Rem	arks	: Not classified due to la	ck of data.			
Gent	tamicin:					
Spec	cies	: Rabbit				
Resu		: Mild skin irritation				
	ous eye damage/eye classified based on ava					
<u>Com</u>	ponents:					
Pear	nut oil:					
Spec		: Rabbit				
Resı Rem		No eye irritationBased on data from sir	nilar matariala			
Kem	ans					
1,2,3	-Propanetriyl tris(12-	nydroxyoctadecanoate):				
Spec		: Rabbit				
Resu		: No eye irritation : Based on data from sir	nilar matariala			
Rem	arks	. Dased on data from sir	milar materials			
clox	acillin:					
Rem	arks	: Not classified due to la	ck of data.			
Gent	tamicin:					
Spec	cies	: Rabbit				
Resu		: Mild eye irritation				
Resp	oiratory or skin sensi	ization				
Skin	sensitization					
May	cause an allergic skin	eaction.				
Resi	piratory sensitization					

Respiratory sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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<u>Com</u>	ponents:		
cloxa	acillin:		
Rout	es of exposure	: Dermal	
	ssment		ty or evidence of skin sensitization in humans
Resu	ilt	: positive	
Asse	ssment	: Probabili	ty of respiratory sensitization in humans based on
_		animal te	sting
Resu	lit	: positive	
Gent	amicin:		
Rem		: No data	available
Gern	n cell mutagenicity		
Not c	lassified based on av	ailable informatio	n.
Com	ponents:		
Pear	nut oil:		
	otoxicity in vitro	: Test Tvp	e: Bacterial reverse mutation assay (AMES)
Conc		Result: n	
	-Propanetriyl tris(12 otoxicity in vitro	: Test Typ Method: Result: n	e: Bacterial reverse mutation assay (AMES) OECD Test Guideline 471
cloxa	acillin:		
Geno	otoxicity in vitro		e: Bacterial reverse mutation assay (AMES)
		Result: n	egative : Information given is based on data obtained from
			ibstances.
0		T = 1 T = 1	. Maria a la catal
Geno	otoxicity in vivo	: Test Typ Species:	e: Micronucleus test Mouse
		Result: n	
			: Information given is based on data obtained from
		similar su	ibstances.
Gant	amicin:		
	btoxicity in vitro	· Toet Tun	e: In vitro mammalian cell gene mutation test
Cenc		Result: n	
			-
		Test Typ Result: e	e: Chromosome aberration test in vitro
		Result. e	μινοσαι
Geno	otoxicity in vivo		e: Mammalian erythrocyte micronucleus test (in vivo
		cytogene	tic assay)

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		Species: Mo Application F Result: nega	Route: Intravenous injection
	n ogenicity assified based on ava	ilable information.	
Comp	onents:		
cloxa	cillin:		
Rema	rks	: Not classified	d due to lack of data.
Genta	micin:		
	ogenicity - Assess-	: No data avai	lable
ment IARC			esent at levels greater than or equal to 0.1% is or confirmed human carcinogen by IARC.
OSHA		ent of this product p list of regulated car	resent at levels greater than or equal to 0.1% cinogens.
NTP			esent at levels greater than or equal to 0.1% is ated carcinogen by NTP.
-	ductive toxicity amage the unborn ch	ild.	
Comp	onents:		
cloxa Effect	cillin: s on fertility	Species: Rat Application F Fertility: NO	
Effect	s on fetal developmer	Species: Rat Application F Developmen	bit
		Developmen	
Genta	micin:		
	s on fertility	: Test Type: T Species: Rat	wo-generation reproduction toxicity study
		11 /	19

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					20 mg/kg body weight cant adverse effects were reported
	Effects	on fetal development	:	Species: Rabbit	ro-fetal development oxicity: NOAEL: 3.6 mg/kg body weight o-fetal toxicity.
				Species: Rat Application Route	oxicity: LOAEL: 75 mg/kg body weight
				Species: Mouse Application Route Developmental To	ro-fetal development :: Intraperitoneal oxicity: LOAEL: 10 mg/kg body weight tality., No malformations were observed.
				Species: Rat Application Route Developmental To	ro-fetal development :: Intraperitoneal oxicity: LOAEL: 50 mg/kg body weight tality., No malformations were observed.
	Reprod sessme	luctive toxicity - As- ent	:	Positive evidence human epidemiol	of adverse effects on development from ogical studies.
		single exposure ssified based on availa	ıble	information.	
		repeated exposure ssified based on availa	blo	information	
		onents:	lbie	inionnauon.	
	Gentar Target Assess	Organs	:	Kidney, inner ear Causes damage t exposure.	o organs through prolonged or repeated
	Repeat	ed dose toxicity			
	Compo	onents:			
		s ition Route ure time	:	Rat 7,000 mg/kg Intravenous 4 Weeks Hypoglycemia	

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Genta	amicin:	
Expos	L cation Route sure time t Organs toms	 Dog 3 mg/kg Intramuscular 12 Months Kidney Vomiting, Salivation Monkey
Expos	L cation Route sure time t Organs	 50 mg/kg Subcutaneous 3 Weeks Kidney, inner ear
Expos		 Monkey 6 mg/kg Intramuscular 3 Weeks Blood, Kidney, inner ear, Liver
Expos	EL	: Rat : 5 mg/kg : 10 mg/kg : Intramuscular : 52 Weeks : Kidney, Blood
Expos	EL	: Rat : 12.5 mg/kg : 50 mg/kg : Intramuscular : 13 Weeks : Kidney
•	ation toxicity assified based on ava	ilable information.
Expe	rience with human e	xposure
<u>Comp</u>	oonents:	
	ation contact ontact	 Remarks: May cause sensitization of susceptible persons. Symptoms: Dermatitis Remarks: May irritate skin. Remarks: May irritate eyes. Symptoms: May cause, Gastrointestinal disturbance, Rash Remarks: May cause sensitization of susceptible persons.
Genta Ingest	amicin: tion	 Target Organs: Kidney Target Organs: inner ear Symptoms: Dizziness, Vertigo, hearing loss, tinnitus, fetal deafness

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	
Components:	
Peanut oil:	
Toxicity to fish :	LC50 (Danio rerio (zebra fish)): > 10,000 mg/l Exposure time: 96 h Remarks: Based on data from similar materials
Toxicity to daphnia and other : aquatic invertebrates	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Remarks: Based on data from similar materials
1,2,3-Propanetriyl tris(12-hydro	oxyoctadecanoate):
Toxicity to fish :	LC50 (Danio rerio (zebra fish)): > 100 mg/l Exposure time: 96 h Remarks: Based on data from similar materials
Toxicity to daphnia and other : aquatic invertebrates	EL50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Test substance: Water Accommodated Fraction Method: Directive 67/548/EEC, Annex V, C.2. Remarks: Based on data from similar materials
Toxicity to algae/aquatic : plants	EL50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h Test substance: Water Accommodated Fraction Method: Directive 67/548/EEC, Annex V, C.3. Remarks: Based on data from similar materials
Gentamicin:	
Toxicity to daphnia and other : aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 86 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
	LC50 (Americamysis): 30 mg/l Exposure time: 96 h Method: US-EPA OPPTS 850.1035
Toxicity to algae/aquatic : plants	EC50 (Pseudokirchneriella subcapitata (green algae)): 10 μg/l Exposure time: 72 h Method: OECD Test Guideline 201
	NOEC (Pseudokirchneriella subcapitata (green algae)): 1.5 µg/l Exposure time: 72 h Method: OECD Test Guideline 201
	EC50 (Anabaena flos-aquae (cyanobacterium)): 4.7 μg/l Exposure time: 72 h

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			Method: OECD	Test Guideline 201
			Exposure time: 7	na flos-aquae (cyanobacterium)): 1.6 µg/l 72 h Test Guideline 201
Toxic	ity to microorganisms	:	EC50: 288.7 mg Exposure time: 3 Test Type: Resp Method: OECD	3 h
Persi	istence and degradabi	ility		
Com	ponents:			
Gent	amicin:			
Biode	egradability	:	Result: rapidly d Biodegradation: Exposure time: 2 Method: OECD	100 %
Bioa	ccumulative potential			
Com	ponents:			
	acillin:			
	ion coefficient: n- iol/water	:	log Pow: 2.44	
Gent	amicin:			
	ion coefficient: n- iol/water	:	log Pow: < -2	
Mobi	lity in soil			
No da	ata available			
	r adverse effects			
No da	ata available			

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	: Dispose of in accordance with local regulations. Do not dispose of waste into sewer.
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.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

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	umber er shipping name	:	N.O.S.	ALLY HAZARDOUS SUBSTANCE, LIQUID,
Class	8	:	(Gentamicin) 9	
Pack	ing group	:	111	
Labe		:	9	
Envir	onmentally hazardous	:	yes	
ΙΑΤΑ	-DGR			
	D No.	:	UN 3082	
Prop	er shipping name	:	Environmentally I (Gentamicin)	nazardous substance, liquid, n.o.s.
Class		:	9	
	ing group	:		
Labe	-	:	Miscellaneous	
aircra		:	964	
	ing instruction (passen- ircraft)	:	964	
Ĕnvir	onmentally hazardous	:	yes	
IMDO	G-Code			
	umber	:	UN 3082	
	er shipping name	:	N.O.S.	ALLY HAZARDOUS SUBSTANCE, LIQUID,
Class			(Gentamicin)	
Class		÷	9 III	
Labe	ing group	:	9	
	Code	:	9 F-A, S-F	
-	ne pollutant	:	yes	
	•	•		
	•	-		OL 73/78 and the IBC Code
Not a	pplicable for product as	sup	plied.	

Not applicable for product as sup

Domestic regulation

49 CFR		
UN/ID/NA number		UN 3082
	•	
Proper shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (Gentamicin)
Class	:	9
Packing group	:	III
Labels	:	CLASS 9
ERG Code	:	171
Marine pollutant	:	yes(Gentamicin)
Remarks	:	Above applies only to containers over 119 gallons or 450 liters.
		Shipment by ground under DOT is non-regulated; however it may be shipped per the applicable hazard classification to facilitate multi-modal transport involving ICAO (IATA) or IMO.

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

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Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards	:	Respiratory or skin sensitization Reproductive toxicity
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Pennsylvania Right To Know			
Peanut oil	8002-03-7		
1,2,3-Propanetriyl tris(12-hydroxyoctadecanoate)	139-44-6		

California Prop. 65

WARNING: This product can expose you to chemicals including Gentamicin, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Permissible Expo	su	re Limits for Chemical Contaminants	
Peanut oil			8002-03-7
The ingredients of this prod	luc	t are reported in the following invento	ories:
AICS	:	not determined	
DSL	:	not determined	
IECSC	:	not determined	

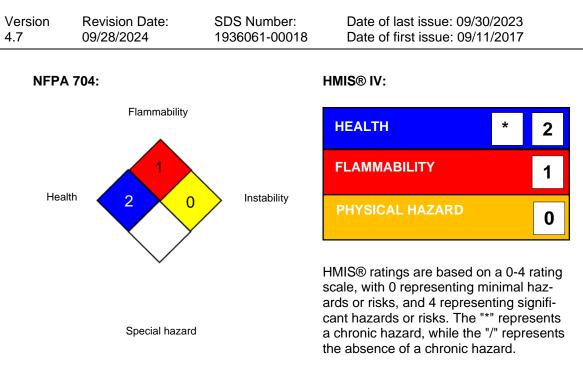
SECTION 16. OTHER INFORMATION

Further information





Gentamicin / Cloxacillin Formulation



Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
ACGIH / TWA	:	8-hour, time-weighted average
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour
		workday during a 40-hour workweek

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance: 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concern-

according to the OSHA Hazard Communication Standard



Gentamicin / Cloxacillin Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 09/30/2023
4.7	09/28/2024	1936061-00018	Date of first issue: 09/11/2017

ing the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; 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

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

Revision Date : 09/28/2024

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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