

Vers 8.0	sion	Revision Date: 28.09.2024		S Number: 3837-00023	Date of last issue: 06.07.2024 Date of first issue: 22.07.2016		
SEC	SECTION 1. IDENTIFICATION						
	Product identifier		:	Clotrimazole / Gentamicin / Betamethasone (0.1%) Formulation			
	Other means of identification		:	OTOMAX OINT	MENT (51104)		
	Manufacturer or supplier's o		deta	ils			
	Company		:	MSD			
	Address		:	Rua Coronel Ber Cruzeiro - Sao P	nto Soares, 530 'aulo - Brazil CEP 12730-340		
	Teleph	one	:	908-740-4000			
	Emerge	ency telephone	:	1-908-423-6000			
	E-mail	address	:	EHSDATASTEW	/ARD@msd.com		
	Recom	mended use of the c	hem	ical and restriction	ons on use		
		mended use tions on use	:	Veterinary produ Not applicable	ict		

#### **SECTION 2. HAZARDS IDENTIFICATION**

GHS Classification in accordance with ABNT NBR 14725 Standard				
Reproductive toxicity	:	Category 1A		
Specific target organ toxicity - repeated exposure	:	Category 1 (Pituitary gland, Immune system, muscle, thymus gland, Blood, Adrenal gland)		
Short-term (acute) aquatic hazard	:	Category 1		
Long-term (chronic) aquatic hazard	:	Category 1		

## GHS label elements in accordance with ABNT NBR 14725 Standard

Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H360D May damage the unborn child. H372 Causes damage to organs (Pituitary gland, Immune sys- tem, muscle, thymus gland, Blood, Adrenal gland) through pro-



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		longed or repea H410 Very toxic	ted exposure. to aquatic life with long lasting effects.				
Preca	utionary Statements	Prevention:					
		P264 Wash skir P270 Do not ea P273 Avoid rele	ecial instructions before use. In thoroughly after handling. It, drink or smoke when using this product. ease to the environment. tective gloves/ protective clothing/ eye protec- ction.				
		<b>Response:</b> P308 + P313 IF attention. P391 Collect sp	exposed or concerned: Get medical advice/				
		Storage:					
		P405 Store lock	ked up.				

Other hazards which do not result in classification

None known.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Components

Chemical name	CAS-No.	Classification	Concentration (% w/w)
White mineral oil (petroleum)	8042-47-5		>= 90 -<= 100
clotrimazole	23593-75-1	Acute Tox. (Oral), 4 Acute Tox. (Dermal), 3 Eye Irrit., 2B Repr., 2 STOT RE, (Oral)(Liver, Kidney, Adrenal gland), 2 Aquatic Acute, 1 Aquatic Chronic, 1	>= 1 -< 2,5
Gentamicin	1403-66-3	Repr., 1A STOT RE, (Oral)(Kidney, inner ear) , 1 Aquatic Acute, 1 Aquatic Chronic, 1	>= 0,3 -< 1
Betamethasone	378-44-9	Acute Tox. (Inhala- tion), 2 Repr., 1B STOT RE, (Pituitary gland, Immune sys- tem, muscle, thymus gland, Blood, Adrenal	>= 0,1 -< 0,25



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			gland) , 1 Aquatic Chronic, 1			
SECTIO	N 4. FIRST AID MEASUR	RES				
Ger	eral advice	advice immed	f accident or if you feel unwell, seek medical diately. oms persist or in all cases of doubt seek medical			
If in	haled	: If inhaled, ren	If inhaled, remove to fresh air. Get medical attention.			
In c	ase of skin contact	of water. Remove cont Get medical a Wash clothing	ntact, immediately flush skin with soap and plenty taminated clothing and shoes. attention. g before reuse. lean shoes before reuse.			
In c	ase of eye contact		ith water as a precaution. attention if irritation develops and persists.			
lf sv	vallowed	: If swallowed, Get medical a	DO NOT induce vomiting.			
and dela	at important symptoms effects, both acute and ayed section of first-aiders	<ul> <li>May damage Causes dama exposure.</li> <li>First Aid resp and use the r</li> </ul>	the unborn child. age to organs through prolonged or repeated bonders should pay attention to self-protection, recommended personal protective equipment ential for exposure exists (see section 8).			
Note	es to physician		matically 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.
Hazardous combustion prod- ucts	:	Carbon 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.



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	Special protective equipment for fire-fighters		:	In the event of fire, wear self-contained breathing apparatu Use personal protective equipment.			
SEC	TION 6.	ACCIDENTAL RELE	ASE	EMEASURES			
t	Personal precautions, protec- tive equipment and emer- gency procedures Environmental precautions		:	: Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).			
I			:	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 e of contaminated wash water. should be advised if significant spillages		
		s and materials for ment and cleaning up	:	For large spills, pr containment to ke can be pumped, s container. Clean up remainin absorbent. Local or national r disposal of this ma employed in the c determine which r Sections 13 and 1	absorbent material. ovide diking or other appropriate ep material from spreading. If diked material tore recovered material in appropriate ag materials from spill with suitable egulations may apply to releases and aterial, as well as those materials and items leanup of releases. You will need to egulations are applicable. 5 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.
C C	Do not breathe mist or vapors.
	Do not swallow.
	Avoid contact with 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.
	Do not eat, drink or smoke when using this product.
	Take care to prevent spills, waste and minimize release to the environment.
Hygiene measures :	If exposure to chemical is likely during typical use, provide eye



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Conditions for safe storage		flushing systems and safety showers close to the workin place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. The effective operation of a facility should include review engineering controls, proper personal protective equipme appropriate degowning and decontamination procedures industrial hygiene monitoring, medical surveillance and t use of administrative controls.				
		Store locked up Keep tightly close				
Materials to avoid		: Do not store wit Strong oxidizing	h the following product types: agents bstances and mixtures			

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
White mineral oil (petroleum)	8042-47-5	TWA (Inhalable particulate matter)	5 mg/m <sup>3</sup>	ACGIH
clotrimazole	23593-75-1	TWA	0.2 mg/m3 (OEB 2)	Internal
Gentamicin	1403-66-3	TWA	0.1 mg/m3 (OEB 2)	Internal
	Further inform	nation: OTO		•
Betamethasone	378-44-9	TWA	1 µg/m3 (OEB 4)	Internal
	Further inform	nation: Skin		
		Wipe limit	10 µg/100 cm <sup>2</sup>	Internal

#### Ingredients with workplace control parameters

Engineering measures	:	All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Essentially no open handling permitted. Use closed processing systems or containment technologies. If handled in a laboratory, use a properly designed biosafety cabinet, fume hood, or other containment device if the potential exists for aerosolization. If this potential does not
		exist, handle over lined trays or benchtops.

#### Personal protective equipment

Respiratory protection	:	If adequate local exhaust ventilation is not available or
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	ter type protection	recommended	essment demonstrates exposures outside the d guidelines, use respiratory protection. rticulates and organic vapor type
Ma	aterial	: Chemical-resi	stant gloves
	emarks rotection	If the work en mists or aeros Wear a facest	ble gloving. lasses with side shields or goggles. vironment or activity involves dusty conditions, sols, wear the appropriate goggles. hield or other full face protection if there is a irect contact to the face with dusts, mists, or
Skin a	and body protection	Additional boo task being per disposable su	or laboratory coat.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	liquid
Color	:	No data available
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



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Relative vapor density	: No data available
Relative density	: No data available
Density	: No data available
Solubility(ies) Water solubility	: No data available
Partition coefficient: n- octanol/water	: Not applicable
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity Viscosity, kinematic	: No data available
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.
Particle characteristics Particle 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	:	Inhalation
exposure		Skin contact
		Ingestion
		Eye contact

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity	:	Acute toxicity estimate: > 5.000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: > 10 mg/l Exposure time: 4 h



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			Test atmosphere: Method: Calculation	
Acute	e dermal toxicity	:	Acute toxicity estine Method: Calculation	mate: > 5.000 mg/kg on method
<u>Com</u>	ponents:			
White	e mineral oil (petroleum	า):		
	e oral toxicity	:	LD50 (Rat): > 5.00	00 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhala tion toxicity	
Acute	e dermal toxicity	:	LD50 (Rabbit): > 2 Assessment: The toxicity	2.000 mg/kg substance or mixture has no acute dermal
clotri	mazole:			
Acute	e oral toxicity	:	LD50 (Rat): 708 n	ng/kg
			LD50 (Mouse): 76	61 mg/kg
			LD50 (Rabbit): > <sup>2</sup>	1.000 mg/kg
Acute	inhalation toxicity	:	<ul> <li>LC50 (Rat): &gt; 0,73 mg/l Exposure time: 4 h Test atmosphere: dust/mist</li> </ul>	
Acute	e dermal toxicity	:	LD50 (Mouse): 92	23 mg/kg
-	amicin: e oral toxicity	:	LD50 (Rat): 8.000	) - 10.000 ma/ka
	2		LD50 (Mouse): 10	
Acute	inhalation toxicity	:		
	e toxicity (other routes of nistration)	:	LD50 (Rat): 67 - 9 Application Route	
			LD50 (Rat): 371 - Application Route	
			LDLo (Monkey): 3 Application Route	



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		ethasone:			
- 11	Acute o	oral toxicity	:	LD50 (Rat): > 5.00	00 mg/kg
				LD50 (Mouse): > 4	4.500 mg/kg
	Acute ir	nhalation toxicity	:	LC50 (Rat): 0,4 m Exposure time: 4	
		orrosion/irritation ssified based on availa	ble	information.	
	Compo	onents:			
	White r	nineral oil (petroleun	ו):		
	Species Result	3	:	Rabbit No skin irritation	
	clotrim	azole:			
	Species Result	6	:	Rabbit No skin irritation	
	Gentan	nicin:			
	Species Result	5	:	Rabbit Mild skin irritation	
	Betame	ethasone:			
	Species Result	3	:	Rabbit Mild skin irritation	
		s eye damage/eye irri			
	Compo	ssified based on availa	bie	information.	
		nineral oil (petroleun	<b>.</b> ).		
	Species	••		Rabbit	
	Result		:	No eye irritation	
	clotrim	azole:			
	Species	3	:	Rabbit	
11	Result		:	Mild eye irritation	
	Gentan				
	Species Result	3	:	Rabbit Mild eye irritation	



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<b>Betar</b> Speci Resul		:	Rabbit No eye irritation	
Resp	iratory or skin sensiti	zatio	า	
-	sensitization lassified based on avail	able i	nformation.	
-	iratory sensitization assified based on avail	able i	nformation.	
Com	oonents:			
White	e mineral oil (petroleu	m):		
Test∃ Route Speci Resul	es of exposure es	:	Buehler Test Skin contact Guinea pig negative	
Genta	amicin:			
Rema	arks	:	No data available	
Betar	nethasone:			
Route Speci Resul			Dermal Guinea pig Weak sensitizer	
	a <b>cell mutagenicity</b> lassified based on avail	able i	nformation.	
<u>Com</u>	oonents:			
White	e mineral oil (petroleu	m):		
Geno	toxicity in vitro	:	Test Type: In vitro Result: negative	o mammalian cell gene mutation test
Geno	toxicity in vivo	:	cytogenetic assay Species: Mouse Application Route Method: OECD To Result: negative	: Intraperitoneal injection
clotri	mazole:			
Geno	toxicity in vitro	:	Test Type: Bacter Result: negative	ial reverse mutation assay (AMES)
			Test Type: Chrom Result: negative	nosome aberration test in vitro



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		Test Type: in vitro Result: negative	o micronucleus test
Gend	otoxicity in vivo	Test Type: Mamn cytogenetic assay Species: Rat Application Route Result: negative	
		Test Type: Mamn tion test (in vivo) Species: Hamste Result: negative	nalian spermatogonial chromosome aberra- r
	n cell mutagenicity - ssment	Weight of evidend cell mutagen.	ce does not support classification as a germ
Gent	amicin:		
	otoxicity in vitro	Test Type: In vitro Result: negative	o mammalian cell gene mutation test
		Test Type: Chron Result: equivocal	nosome aberration test in vitro
Geno	otoxicity in vivo	cytogenetic assay Species: Mouse	nalian erythrocyte micronucleus test (in vivo /) e: Intravenous injection
II Beta	methasone:		
	ptoxicity in vitro	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)
		Test Type: In vitro Result: negative	o mammalian cell gene mutation test
		Test Type: Chron Result: positive	nosome aberration test in vitro
Geno	otoxicity in vivo	Test Type: Mamn cytogenetic assay Species: Mouse Application Route Result: equivocal	e: Oral
	n cell mutagenicity - ssment	Weight of evidend cell mutagen.	ce does not support classification as a germ



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	nogenicity assified based on availa	ble	information.	
	onents:			
White	mineral oil (petroleum	n):		
Specie Applica	es ation Route ure time	:	Rat Ingestion 24 Months negative	
clotrin	nazole:			
Specie Applica	es ation Route ure time	:	Rat Oral 78 weeks negative	
Genta	micin:			
Carcin ment	ogenicity - Assess-	:	No data available	
May da	ductive toxicity amage the unborn child onents:			
White	mineral oil (petroleum	n):		
Effects	s on fertility	:	Test Type: One-g Species: Rat Application Route Result: negative	eneration reproduction toxicity study e: Skin contact
Effects	s on fetal development	:	Test Type: Embry Species: Rat Application Route Result: negative	vo-fetal development :: Ingestion
II clotrin	nazole:			
	s on fertility	:	Species: Rat Application Route	50 mg/kg body weight
Effects	s on fetal development	:	Species: Rat Application Route Developmental To	vo-fetal development e: Oral oxicity: LOAEL: 100 mg/kg body weight etal toxicity., No teratogenic effects.
			Test Type: Embry Species: Rat	vo-fetal development



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				: Oral oxicity: NOAEL: 50 mg/kg body weight etal toxicity., No teratogenic effects.
			Species: Mouse Application Route Developmental To	o-fetal development : Oral oxicity: NOAEL: 200 mg/kg body weight on fetal development.
			Species: Rabbit Application Route Developmental To	o-fetal development : Oral oxicity: NOAEL: 180 mg/kg body weight on fetal development.
Repr sessi	oductive toxicity - As- ment	:	fertility, based on	f adverse effects on sexual function and animal experiments., Some evidence of n development, based on animal
Gent	amicin:			
Effec	ets on fertility	:	Species: Rat Fertility: NOAEL: 2	eneration reproduction toxicity study 20 mg/kg body weight ant adverse effects were reported
Effec	ets on fetal development	:	Species: Rabbit	o-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	o-fetal development : Intraperitoneal oxicity: LOAEL: 10 mg/kg body weight ality., No malformations were observed.
			Species: Rat Application Route Developmental To	o-fetal development : Intraperitoneal oxicity: LOAEL: 50 mg/kg body weight ality., No malformations were observed.
Repr sessi	oductive toxicity - As- ment	:	Positive evidence human epidemiolo	of adverse effects on development from ogical studies.



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	amethasone: cts on fetal development	:	Species: Rabbit	
Life		•	Application Route Developmental Te	: Intramuscular oxicity: LOAEL: 0,05 mg/kg body weight ty., Malformations were observed.
				: Subcutaneous oxicity: LOAEL: 0,42 mg/kg body weight ions were observed.
				: Intramuscular oxicity: LOAEL: 1 mg/kg body weight ions were observed.
	roductive toxicity - As- sment	:	Clear evidence of animal experimer	adverse effects on development, based on tts.
<b>STC</b> Cau Adre	classified based on availa <b>)T-repeated exposure</b> ses damage to organs (P enal gland) through prolor <b>nponents:</b>	ituita	ary gland, Immune	system, muscle, thymus gland, Blood, sure.
Tar	<b>rimazole:</b> get Organs essment	:	Liver, Kidney, Adı May cause dama exposure.	enal gland ge to organs through prolonged or repeated
Ger	tamicin:			
Tarç	get Organs essment	:	Kidney, inner ear Causes damage t exposure.	o organs through prolonged or repeated
Bet	amethasone:			
	get Organs	:		nmune system, muscle, thymus gland, Blood,
Ass	essment	:	Adrenal gland Causes damage t exposure.	o organs through prolonged or repeated
Rep	eated dose toxicity			
<u>Con</u>	nponents:			
	te mineral oil (petroleun	n):		
Spe		:	Rat 160 mg/kg	



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Application Re Exposure time	oute : e :	Ingestion 90 Days				
Species LOAEL Application Route Exposure time Method		<ul> <li>Rat</li> <li>&gt;= 1 mg/l</li> <li>inhalation (dust/mist/fume)</li> <li>4 Weeks</li> <li>OECD Test Guideline 412</li> </ul>				
clotrimazole	:					
Species LOAEL Application Re Exposure time Target Organ Symptoms	e :	Rabbit 5 - 40 mg/kg Skin contact 3 Weeks Skin Edema, Fissuring,	Necrosis, Redness			
Species LOAEL Application Re Exposure time Target Organ	e :	Rat 10 mg/kg Oral 18 Months Liver, Kidney, Adr	enal gland			
Species LOAEL Application Re Exposure time Target Organ Symptoms	e :	Dog 25 mg/kg Oral 6 - 12 Months Adrenal gland Salivation, Lachry	mation, Vomiting			
Gentamicin:						
Species LOAEL Application Re Exposure time Target Organ Symptoms	e :	Dog 3 mg/kg Intramuscular 12 Months Kidney Vomiting, Salivatio	on			
Species LOAEL Application Re Exposure time Target Organ	e :	Monkey 50 mg/kg Subcutaneous 3 Weeks Kidney, inner ear				
Species LOAEL Application Re Exposure time Target Organ	e :	Monkey 6 mg/kg Intramuscular 3 Weeks Blood, Kidney, inn	er ear, Liver			
Species NOAEL	:	Rat 5 mg/kg				



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Expos	L cation Route sure time et Organs	: 10 mg/kg : Intramuscula : 52 Weeks : Kidney, Bloo	
Expos	EL	: Rat : 12,5 mg/kg : 50 mg/kg : Intramuscula : 13 Weeks : Kidney	r
Speci LOAE Applic Expos		: Rabbit : 0.05 % : Skin contact : 10 - 30 d : Pituitary glan	ıd, Immune system, muscle
Expos		: Rat : 0.05 % : Skin contact : 8 Weeks : thymus gland	3
Expos		: Mouse : 0.1 % : Skin contact : 8 Weeks : thymus gland	ł
		: Dog : 0,05 mg/kg : Oral : 28 d : Blood, thymu	ıs gland, Adrenal gland
Not cl	ration toxicity lassified based on ava rience with human e		
Com	oonents:		
	<b>mazole:</b> contact tion		Rash, Itching, Blistering, Edema, Redness Abdominal pain, Nausea, Vomiting, Diarrhea
Genta Inges	amicin: tion	: Target Orgar Target Orgar Symptoms: E deafness	



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	nethasone:			
Inhala Skin c	tion ontact	÷	Target Organs:	Adrenal gland dness, pruritis, Irritation
	12. ECOLOGICAL INFO	מסר		
Ecoto	•			
<u>Comp</u>	onents:			
	mineral oil (petroleum	า):		
Toxici	ty to fish	:	Exposure time:	nchus mykiss (rainbow trout)): > 100 mg/l 96 h Test Guideline 203
	ty to daphnia and other	:		magna (Water flea)): > 100 mg/l
aquati	c invertebrates		Exposure time: Method: OECD	48 h Test Guideline 202
Taula				
plants	ty to algae/aquatic	·	nOEC (Pseudo mg/l	kirchneriella subcapitata (green algae)): 100
			Exposure time:	
			Method: OECD	Test Guideline 201
Toxici icity)	ty to fish (Chronic tox-	:	NOEC (Oncorh Exposure time:	ynchus mykiss (rainbow trout)): 1.000 mg/l 28 d
	ty to daphnia and other c invertebrates (Chron- city)	:	NOEC (Daphnie Exposure time:	a magna (Water flea)): 1.000 mg/l 21 d
clotrir	mazole:			
Toxici	ty to fish	:		anio rerio (zebrafish)): > 0,29 mg/l
			Exposure time: Method: OECD	96 h Test Guideline 203
	ty to daphnia and other c invertebrates	:	EC50 (Daphnia Exposure time:	magna (Water flea)): 0,02 mg/l 48 h
l oxici plants	ty to algae/aquatic	:	EC50 (Desmod Exposure time:	esmus subspicatus (green algae)): 0,268 m 72 h
			NOEC (Desmo Exposure time:	desmus subspicatus (green algae)): 0,017 n 72 h
	ctor (Acute aquatic tox-	:	10	
icity) Toxici	ty to fish (Chronic tox-	:	NOEC (Oncorh	ynchus mykiss (rainbow trout)): 0,025 mg/l
icity)			Exposure time:	
	ty to daphnia and other	:		a magna (Water flea)): 0,01 mg/l
	c invertebrates (Chron- city)		Exposure time:	21 d Test Guideline 211



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M-Fa toxici	ctor (Chronic aquatic	:	10				
	Toxicity to microorganisms		EC50: > 10.000 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 209				
Gent	amicin:						
Toxic		:	EC50 (Daphnia m Exposure time: 48 Method: OECD T				
			LC50 (Americamy Exposure time: 96 Method: US-EPA				
	Toxicity to algae/aquatic plants		EC50 (Pseudokiro Exposure time: 72 Method: OECD T				
			NOEC (Pseudokin µg/l Exposure time: 72 Method: OECD T				
			EC50 (Anabaena Exposure time: 72 Method: OECD T				
			NOEC (Anabaena Exposure time: 72 Method: OECD T				
	ctor (Acute aquatic tox-	:	100				
icity) M-Fa toxici	ctor (Chronic aquatic	:	1				
	ity to microorganisms	:	EC50: 288,7 mg/l Exposure time: 3 Test Type: Respir Method: OECD T	h ration inhibition			
Beta	nethasone:						
	ity to daphnia and other ic invertebrates	:	EC50 (Americam) Exposure time: 96				
Toxic plants	ity to algae/aquatic	:	mg/l Exposure time: 72 Method: OECD T				



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	Toxicity icity)	y to fish (Chronic tox-	:	mg/l Exposure time: 72 Method: OECD To Remarks: No toxid NOEC (Pimephale Exposure time: 32 Method: OECD To	est Guideline 201 city at the limit of solubility. es promelas (fathead minnow)): 0,052 mg/l 2 d est Guideline 210
	Tovicity	to dophaio and other		Exposure time: 21 Method: OECD To	est Guideline 229
		/ to daphnia and other invertebrates (Chron- ity)	•	Exposure time: 21 Method: OECD To	
	M-Fact toxicity	or (Chronic aquatic )	:	1.000	
	Persist	tence and degradabili	ty		
	Compo	onents:			
	White	mineral oil (petroleum	ı):		
	Biodeg	radability	:	Result: Not readily Biodegradation: 3 Exposure time: 28	31 %
	clotrim	azole:			
	Stability	y in water	:	Hydrolysis: 50 %(	242 d)
	Gentar				
	Biodeg	radability	:	Result: rapidly de Biodegradation: 1 Exposure time: 28 Method: OECD To	00 % 3 d
	Bioacc	umulative potential			
	Compo	onents:			
	Gentar	micin:			
	Partitio octanol	n coefficient: n- /water	:	log Pow: < -2	
- 11	-	<b>ethasone:</b> n coefficient: n- /water	:	log Pow: 2,11	



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	<b>lity in soil</b> ata available					
	r adverse effects					
•	No data available					
SECTION	SECTION 13. DISPOSAL CONSIDERATIONS					
Dispo	osal methods					
Wast	e from residues		e of waste into sewer.			
Conta	aminated packaging	: Empty contair handling site f	accordance with local regulations. hers should be taken to an approved waste or recycling or disposal. e specified: Dispose of as unused product.			

#### **SECTION 14. TRANSPORT INFORMATION**

#### International Regulations

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



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

Not applicable for product as supplied.

#### **Domestic regulation**

<b>ANTT</b> UN number Proper shipping name	:	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (clotrimazole, Gentamicin)
Class	:	9
Packing group	:	
Labels	:	9
Hazard Identification Number	:	90

#### 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.

#### SECTION 15. REGULATORY INFORMATION

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

National List of Carcinogenic Agents for Humans - (LINACH)	:	Not applicable
Brazil. List of chemicals controlled by the Federal Police	:	Not applicable

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

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

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

Revision Date	:	28.09.2024
Date format	:	dd.mm.yyyy

#### Further information

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



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#### Full text of other abbreviations

ACGIH		
	AUJIE	1

: USA. ACGIH Threshold Limit Values (TLV)

ACGIH / TWA

: 8-hour, time-weighted average

AIIC - Australian Inventory of Industrial Chemicals: ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - 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 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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