

### Altrenogest (0.22%) Formulation

Version	Revision Date: 23.07.2024	SDS Number:	Date of last issue: 25.03.2024
2.9		5842509-00011	Date of first issue: 08.05.2020

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Altrenogest (0.22%) Formulation
Other means of identification	:	REGUMATE (A004536)

### Manufacturer or supplier's details

Decommonded use of the e	<b>b a m</b>	staal and reatrictions on use
E-mail address	:	EHSDATASTEWARD@msd.com
Emergency telephone	-	1-908-423-6000
Telephone	:	908-740-4000
		Rahway, New Jersey U.S.A. 07065
Address	:	126 E. Lincoln Avenue
Company name of supplier	:	MSD

#### Recommended use of the chemical and restrictions on use Recommended use · Veterinary product

Recommended use	:	Veterinary product
Restrictions on use	:	Not applicable

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

GHS Classification Reproductive toxicity	:	Category 1B
GHS label elements Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H360 May damage fertility or 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. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
		<b>Response:</b> P308 + P313 IF exposed or concerned: Get medical advice/ attention.
		Storage: P405 Store locked up.

#### Disposal:

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





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None	<b>hazards</b> known.				
ECTION	3. COMPOSITION/INF	ORMATION ON IN	GREDIENTS		
Subst	ance / Mixture	: Mixture			
Comp	oonents				
Chem	ical name		CAS-No.	Concentration (% w/w)	
Benzy	/l alcohol		100-51-6	>= 1 -< 5	
Altren	ogest		850-52-2	>= 0.1 -< 1	
		advice.		cases of doubt seek medical	
	4. FIRST AID MEASU			eel unwell, seek medical	
lf inha In cas	aled	<ul> <li>If inhaled, remove to fresh air. Get medical attention.</li> <li>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.</li> <li>Flush eyes with water as a precaution.</li> </ul>			
In cas	se of eve contact	Get medical a Wash clothing Thoroughly c	g before reuse. lean shoes before re		
	e of eye contact	Get medical a Wash clothing Thoroughly cl : Flush eyes w Get medical a	g before reuse. lean shoes before re ith water as a preca attention if irritation o	ution. levelops and persists.	
lf swa Most and e	illowed important symptoms ffects, both acute and	Get medical a Wash clothing Thoroughly cl Flush eyes w Get medical a If swallowed, Get medical a Rinse mouth	g before reuse. lean shoes before re ith water as a preca attention if irritation of DO NOT induce vor	ution. levelops and persists. niting. er.	
If swa Most and e delay	illowed important symptoms ffects, both acute and	Get medical a Wash clothing Thoroughly cl Flush eyes w Get medical a If swallowed, Get medical a Rinse mouth May damage	g before reuse. lean shoes before re- ith water as a preca- attention if irritation of DO NOT induce vor attention. thoroughly with wate fertility or the unbor onders should pay a ecommended perso	ution. levelops and persists. niting. er.	

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.



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Special protective equipment for fire-fighters		:	Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to a so. Evacuate area. In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.		
SEC	TION 6	ACCIDENTAL RELE	ASI	EMEASURES	
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).		
	Enviror	nmental 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, procontainment to kee can be pumped, so container. Clean up remaining absorbent. Local or national up disposal of this more employed in the co determine which more Sections 13 and 1	t absorbent material. rovide diking or other appropriate ep material from spreading. If diked material atore recovered material in appropriate ng 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. 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. Do not breathe vapors or spray mist. 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. 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 flushing systems and safety showers close to the working



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		Wash contamina The effective ope engineering contr appropriate dego	ot eat, drink or smoke. ted clothing before re-use. eration of a facility should include review of rols, proper personal protective equipment, wning and decontamination procedures, e monitoring, medical surveillance and the tive controls.		
Conditions for safe storage		: Keep in properly labeled containers. Keep tightly closed.			
Materials to avoid		<ul> <li>Store in accordance with the particular national regulations.</li> <li>Do not store with the following product types:</li> <li>Strong oxidizing agents</li> <li>Self-reactive substances and mixtures</li> <li>Organic peroxides</li> <li>Explosives</li> <li>Gases</li> </ul>			

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Ingredients with workplace co		5		
Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Altrenogest	850-52-2	TŴA	1 µg/m3 (OEB 4)	Internal
	Further informa	ation: Skin		
		Wipe limit	10 µg/100 cm <sup>2</sup>	Internal
design a protect p Essentia Use clos If handle cabinet, potential		oerated in accord cts, workers, and open handling p ocessing system a laboratory, use hood, or other c	ns or containment teo a properly designed containment device if ion. If this potential d	ciples to chnologies. biosafety the
Personal protective equipmen				
Respiratory protection:Filter type:Hand protection	<ul> <li>If adequate local exhaust ventilation is not available o exposure assessment demonstrates exposures outsic recommended guidelines, use respiratory protection.</li> <li>Combined particulates and organic vapor type</li> </ul>			tside the
Material :	Chemical-resi	stant gloves		
Remarks : Eye protection :	If the work en mists or aeros Wear a facesh	lasses with side vironment or act sols, wear the ap nield or other full	shields or goggles. ivity involves dusty co propriate goggles. face protection if the he face with dusts, m	ere is a



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Skin	Skin and body protection		task being perform disposable suits)	arments should be used based upon the ned (e.g., sleevelets, apron, gauntlets, to avoid exposed skin surfaces. legowning techniques to remove potentially
SECTION	I 9. PHYSICAL AND CHI	EMI		S
Арре	earance	:	liquid	
Colo	r	:	No data available	9
Odor		:	odorless	
Odor	Threshold	:	No data available	9
рН		:	No data available	9
Melti	ng point/freezing point	:	No data available	9
Initia rango	l boiling point and boiling e	:	No data available	9
Flash	n point	:	No data available	9
Evap	poration rate	:	No data available	9
Flam	mability (solid, gas)	:	Not applicable	
Flam	mability (liquids)	:	No data available	9
	er explosion limit / Upper nability limit	:	No data available	9
	er explosion limit / Lower nability limit	:	No data available	9
Vapo	or pressure	:	No data available	9
Rela	tive vapor density	:	No data available	9
Rela	tive density	:	No data available	9
Dens	sity	:	No data available	9
	bility(ies) /ater solubility	:	No data available	9
	tion coefficient: n-	:	No data available	9
	nol/water ignition temperature	:	No data available	9
Deco	omposition temperature	:	No data available	9



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	sity cosity, kinematic sive properties	:	No data available Not explosive	e
	ing properties ular weight	:	The substance o	r mixture is not classified as oxidizing. e
Particl Particl	e characteristics e size	:	No data available	e

### 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 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 Test atmosphere: dust/mist Method: Calculation method
<u>Components:</u>		
Benzyl alcohol: Acute oral toxicity	:	LD50 (Rat): 1,620 mg/kg

	: 2200 (Rat): 1,020 mg/ng
Acute inhalation toxicity	: LC50 (Rat): > 4.178 mg/l Exposure time: 4 h



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				Test atmosphere: Method: OECD Te	
	Altrend	ogest:			
		oral toxicity	:	LD50 (Rat): 177 n	ng/kg
				LD50 (Dog): 400	mg/kg
	••••••	orrosion/irritation ssified based on availa	able	information.	
	Compo	onents:			
	Benzyl	alcohol:			
	Specie		:	Rabbit	
	Methoo Result	1	:	OECD Test Guide No skin irritation	eline 404
		s eye damage/eye irr ssified based on availa			
			able	mormation.	
		onents:			
	Specie	alcohol:		Rabbit	
	Result		:	Irritation to eyes,	reversing within 21 days
	Method	1	:	OECD Test Guide	eline 405
	Respir	atory or skin sensitiz	atio	n	
		ensitization ssified based on availa	able	information.	
	Respir	atory sensitization			
	Not cla	ssified based on availa	able	information.	
	Compo	onents:			
	-	alcohol:			
	Test Ty Routes	/pe of exposure	:	Maximization Tes Skin contact	t
	Specie	S	:	Guinea pig	
	Methoo Result	1	:	OECD Test Guide	eline 406
				0	
		cell mutagenicity	- hl	information	
		ssified based on availa	BIDLE	iniormation.	
	Compo	onents:			

### Benzyl alcohol:

Genotoxicity in vitro

: Test Type: Bacterial reverse mutation assay (AMES) Result: negative



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G	Genoto	xicity in vivo	:	cytogenetic assay Species: Mouse	nalian erythrocyte micronucleus test (in vivo /) :: Intraperitoneal injection
А	Itreno	aest:			
		xicity in vitro	:	Test Type: Bacter Result: negative	ial reverse mutation assay (AMES)
				Test Type: Chrom Result: negative	nosome aberration test in vitro
				Test Type: DNA c thesis in mammal Result: negative	lamage and repair, unscheduled DNA syn- ian cells (in vitro)
		ogenicity ssified based on availa	ble	information.	
<u>c</u>	ompo	onents:			
		alcohol:			
S A E M	pecies	s tion Route re time		Mouse Ingestion 103 weeks OECD Test Guide negative	eline 451
	•	<b>luctive toxicity</b> mage fertility or the un	borr	n child.	
	•	nents:			
		alcohol:			
	-	on fertility	:	Species: Rat Application Route Result: negative	y/early embryonic development : Ingestion on data from similar materials
E	ffects	on fetal development	:	Test Type: Embry Species: Mouse Application Route Result: negative	ro-fetal development : Ingestion
Δ	Itreno	gest:			
		on fertility	:	Species: Rat Application Route Fertility: NOAEL:	eneration reproduction toxicity study : Oral 0.016 mg/kg body weight fertility., No effects on mating performance.





rsion )	Revision Date: 23.07.2024	SDS Numb 5842509-00	
		Toot Tu	pe: Fertility/early embryonic development
		Species	: Monkey, female
			tion Route: Oral : NOAEL: 0.004 mg/kg body weight
Repro sessr	oductive toxicity - As- nent		vidence of adverse effects on sexual function and and/or on development, based on animal experiment
	-single exposure		
Not c	lassified based on avai	lable informat	on.
	-repeated exposure		
Not c	lassified based on avai	lable informat	on.
Com	ponents:		
Altre	nogest:		
	es of exposure	: Oral	
	et Organs		e system, Adrenal gland
Asses	ssment	: May ca exposu	use damage to organs through prolonged or repeate re.
Route	es of exposure	: Oral	
	et Organs	: Pituitary	/ gland
Targe	et Organs ated dose toxicity	: Pituitary	/ gland
Targe <b>Repe</b>	-	: Pituitary	/ gland
Targe Repe <u>Com</u>	ated dose toxicity	: Pituitary	/ gland
Targe Repe <u>Com</u>	ated dose toxicity ponents: yl alcohol:	: Rat	
Targe Repe <u>Com</u> Benz Speci NOA	ated dose toxicity ponents: yl alcohol: ies EL	: Rat : 1.072 n	ng/l
Targe Repe <u>Com</u> Benz Speci NOAE Applio	ated dose toxicity ponents: yl alcohol: ies EL cation Route	: Rat : 1.072 n : inhalatio	ng/l on (dust/mist/fume)
Targe Repe <u>Com</u> Benz Speci NOAE Applio	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time	: Rat : 1.072 n : inhalatio : 28 Days	ng/l on (dust/mist/fume)
Targe Repe <u>Com</u> Benz Speci NOAE Applic Expos Metho	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time	: Rat : 1.072 n : inhalatio : 28 Days	ng/l on (dust/mist/fume) s
Targe Repe <u>Com</u> Benz Speci NOAE Applic Expos Metho	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time od	: Rat : 1.072 n : inhalatio : 28 Days	ng/l on (dust/mist/fume) s
Targe Repe Com Benz Speci NOAE Applic Expos Metho Speci NOAE	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time od nogest: ies EL	: Rat : 1.072 n : inhalation : 28 Days : OECD : Rat : 0.06 mg	ng/l on (dust/mist/fume) s Test Guideline 412
Targe Repe Com Benz Speci NOAE Applie Speci NOAE Altree Speci NOAE	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time od nogest: ies EL cation Route	: Rat : 1.072 n : inhalation : 28 Days : OECD : Rat : 0.06 mg : Oral	ng/l on (dust/mist/fume) s Test Guideline 412 g/kg
Targe Repe Com Benz Speci NOAE Applic Expos Metho Altree Speci NOAE Applic Expos	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time od nogest: ies EL cation Route sure time	: Rat : 1.072 m : inhalatio : 28 Days : OECD : Rat : 0.06 mo : Oral : 13 Wee	ng/l on (dust/mist/fume) s Test Guideline 412 g/kg
Targe Repe Com Benz Speci NOAE Applic Expos Metho Altree Speci NOAE Applic Expos	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time od nogest: ies EL cation Route	: Rat : 1.072 n : inhalatio : 28 Days : OECD : OECD : 0.06 mg : 0ral : 13 Wee : Immune	ng/l on (dust/mist/fume) s Test Guideline 412 g/kg
Targe Repe Com Benz Speci NOAE Applic Expos Metho Altree Speci NOAE Applic Expos	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time od nogest: ies EL cation Route sure time et Organs	: Rat : 1.072 m : inhalati : 28 Days : OECD : Rat : 0.06 mg : 0ral : 13 Wee : Immune tive org	ng/l on (dust/mist/fume) s Test Guideline 412 g/kg eks e system, male reproductive organs, female reproduc
Targe Repe Com Benz Speci NOAE Applie Expos Metho Altree Speci NOAE Applie Expos Targe	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time od nogest: ies EL cation Route sure time et Organs arks	: Rat : 1.072 m : inhalati : 28 Days : OECD : Rat : 0.06 mg : 0ral : 13 Wee : Immune tive org	ng/l on (dust/mist/fume) s Test Guideline 412 g/kg eks e system, male reproductive organs, female reproduc ans, Adrenal gland
Targe Repe Com Benz Speci NOAE Applie Expos Metho Altree Speci NOAE Applie Expos Targe Rema	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time od nogest: ies EL cation Route sure time et Organs arks	: Rat : 1.072 n : inhalation : 28 Days : OECD : Rat : 0.06 mg : 0ral : 13 Wee : Immune tive org : Effects : Pig : 0.004 n	ng/l on (dust/mist/fume) s Test Guideline 412 g/kg eks e system, male reproductive organs, female reproduc ans, Adrenal gland on fertility.
Targe Repe Com Benz Speci NOAE Applie Speci NOAE Applie Expos Targe Rema Speci NOAE	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time od nogest: ies EL cation Route sure time et Organs arks ies EL cation Route	: Rat : 1.072 n : inhalation : 28 Days : OECD : Rat : 0.06 mg : 0ral : 13 Wee : Immune tive org : Effects : Pig : 0.004 n : 0ral	ng/l on (dust/mist/fume) s Test Guideline 412 g/kg e system, male reproductive organs, female reproduc ans, Adrenal gland on fertility.
Targe Repe Com Benz Speci NOAE Applie Expos Metho Altree Speci NOAE Applie Expos Targe Rema Speci NOAE	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time od nogest: ies EL cation Route sure time et Organs arks ies EL cation Route sure time et Organs	: Rat : 1.072 n : inhalation : 28 Days : OECD : Rat : 0.06 mg : 0ral : 13 Wee : Immune tive org : Effects : Pig : 0.004 n : 0ral : 13 Wee : 13 Wee : 13 Wee	ng/l on (dust/mist/fume) s Test Guideline 412 g/kg eks e system, male reproductive organs, female reproduc ans, Adrenal gland on fertility.
Targe Repe Com Benz Speci NOAE Applie Expos Metho Altree Speci NOAE Applie Expos Targe Rema Speci NOAE	ated dose toxicity ponents: yl alcohol: ies EL cation Route sure time od nogest: ies EL cation Route sure time et Organs arks ies EL cation Route sure time et Organs	<ul> <li>Rat</li> <li>1.072 n</li> <li>inhalation</li> <li>28 Days</li> <li>OECD</li> </ul> Rat <ul> <li>0.06 mg</li> <li>0ral</li> <li>13 Wee</li> <li>Immune tive org</li> <li>Effects</li> <li>Pig</li> <li>0.004 n</li> <li>Oral</li> <li>13 Wee</li> <li>male re</li> </ul>	ng/l on (dust/mist/fume) s Test Guideline 412 g/kg e system, male reproductive organs, female reproduc ans, Adrenal gland on fertility.

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ersion .9	23.07.2024		42509-00011	Date of first issue: 08.05.2020
Expos	cation Route sure time et Organs	:	0.002 mg/kg Oral 1 y male reproductiv Effects on fertilit	ve organs, Pituitary gland y.
	EL cation Route sure time	:	Horse 220 mg/kg Oral 86 Days No significant ac	dverse effects were reported
-	ration toxicity lassified based on availa	able	information.	
Expe	rience with human exp	osi	ıre	
Com	ponents:			
Inhala Skin d	nogest: ation contact contact	:	Symptoms: resp Symptoms: Skir Symptoms: Eye	
ECTION	12. ECOLOGICAL INFO	ORN	MATION	
		ORN	MATION	
Ecoto	oxicity	ORI	MATION	
Ecoto		ORI	MATION	
Ecoto <u>Comp</u> Benzy	oxicity ponents: yl alcohol:	ORI		
Ecoto <u>Comp</u> Benzy	oxicity ponents:	ORI :		es promelas (fathead minnow)): 460 mg/l 96 h
Ecoto <u>Comp</u> Benz Toxic	oxicity <u>oonents:</u> yl alcohol:	:	LC50 (Pimephal Exposure time: EC50 (Daphnia Exposure time:	96 h magna (Water flea)): 230 mg/l
Ecoto Comp Benzy Toxici Toxici aquat	<b>ponents:</b> <b>yl alcohol:</b> ity to fish ity to daphnia and other ic invertebrates ity to algae/aquatic	:	LC50 (Pimephal Exposure time: 4 EC50 (Daphnia Exposure time: 4 Method: OECD EC50 (Pseudok mg/l Exposure time: 5	96 h magna (Water flea)): 230 mg/l 48 h Test Guideline 202 irchneriella subcapitata (green algae)): 770
Ecoto Comp Benzy Toxic Toxic aquat	<b>ponents:</b> <b>yl alcohol:</b> ity to fish ity to daphnia and other ic invertebrates ity to algae/aquatic	:	LC50 (Pimephal Exposure time: EC50 (Daphnia Exposure time: Method: OECD EC50 (Pseudok mg/l Exposure time: Method: OECD NOEC (Pseudol mg/l Exposure time:	96 h magna (Water flea)): 230 mg/l 48 h Test Guideline 202 irchneriella subcapitata (green algae)): 770 72 h Test Guideline 201 kirchneriella subcapitata (green algae)): 31
Ecoto Comp Benzy Toxici aquat Toxici plants	bxicity ponents: yl alcohol: ity to fish ity to daphnia and other it to algae/aquatic s ity to daphnia and other ity to daphnia and other ic invertebrates (Chron-	: :	LC50 (Pimephal Exposure time: 1 EC50 (Daphnia Exposure time: 1 Method: OECD EC50 (Pseudok mg/l Exposure time: 1 Method: OECD NOEC (Pseudol mg/l Exposure time: 1 Method: OECD NOEC (Daphnia Exposure time: 1	96 h magna (Water flea)): 230 mg/l 48 h Test Guideline 202 irchneriella subcapitata (green algae)): 770 72 h Test Guideline 201 kirchneriella subcapitata (green algae)): 31 72 h Test Guideline 201 magna (Water flea)): 51 mg/l
Ecoto Comp Benzy Toxici aquat Toxici plants	bxicity ponents: yl alcohol: ity to fish ity to daphnia and other it to algae/aquatic s ity to daphnia and other ity to daphnia and other ic invertebrates (Chron-	: :	LC50 (Pimephal Exposure time: 1 EC50 (Daphnia Exposure time: 1 Method: OECD EC50 (Pseudok mg/l Exposure time: 1 Method: OECD NOEC (Pseudol mg/l Exposure time: 1 Method: OECD NOEC (Daphnia Exposure time: 1	96 h magna (Water flea)): 230 mg/l 48 h Test Guideline 202 irchneriella subcapitata (green algae)): 770 72 h Test Guideline 201 kirchneriella subcapitata (green algae)): 31 72 h Test Guideline 201 magna (Water flea)): 51 mg/l 21 d



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		Exposure time: 32 Method: OECD T	2 d est Guideline 210
tence and degradabil	ity		
onents:			
<b>l alcohol:</b> radability	:	Result: Readily b Biodegradation: Exposure time: 14	92 - 96 %
cumulative potential			
onents:			
l alcohol:			
n coefficient: n- l/water	:	log Pow: 1.05	
ogest:			
n coefficient: n- I/water	:	log Pow: 3.78	
ty in soil			
onents:			
	:	log Koc: 3.3	
adverse effects a available			
	tence and degradabil <u>onents:</u> alcohol: radability cumulative potential <u>onents:</u> alcohol: n coefficient: n- //water ogest: n coefficient: n- //water cy in soil <u>onents:</u> ogest: ution among environ- compartments adverse effects	tence and degradability onents: alcohol: radability : cumulative potential onents: alcohol: n coefficient: n- : //water ogest: n coefficient: n- : //water ogest: n coefficient: n- : //water ogest: aution among environ- : compartments adverse effects	Exposure time: 3: Method: OECD T tence and degradability onents: I alcohol: radability : Result: Readily b Biodegradation: Exposure time: 14 cumulative potential onents: I alcohol: n coefficient: n- : log Pow: 1.05 Water ogest: n coefficient: n- : log Pow: 3.78 Water cy in soil onents: ogest: ution among environ- : log Koc: 3.3 compartments adverse effects

Waste from residues	: Do not dispose of waste into sewer.	
	Dispose of in accordance with local regulations.	
Contaminated packaging	<ul> <li>Empty containers should be taken to an approved waste handling site for recycling or disposal.</li> <li>If not otherwise specified: Dispose of as unused product.</li> </ul>	

### SECTION 14. TRANSPORT INFORMATION

<b>UNRTDG</b> UN number	: UN 3082	
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (altrenogest)	
Class	: 9	
Packing group	: 111	



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_	Labels Environmentally hazardous		:	9 yes		
l	<b>IATA-DGR</b> UN/ID No. Proper shipping name		:	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Altrenogest)		
F L F	Class Packing group Labels Packing instruction (cargo		:	9 III Miscellaneous 964		
F	aircraft) Packing instruction (passen- ger aircraft) Environmentally hazardous		:	964 yes		
l	MDG-0 UN nun Proper		:	UN 3082 ENVIRONMENTA N.O.S. (Altrenogest)	ALLY HAZARDOUS SUBSTANCE, LIQUID,	
Class Packing group Labels EmS Code Marine 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.

#### **Domestic regulation**

#### NOM-002-SCT

UN number Proper shipping name	:	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Altrenogest)
Class Packing group	:	9 III
Labels	:	9

#### 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

Federal Law for the control of chemical precursors,	:	Not applicable	
essential chemical products and machinery for			
producing capsules, tablets and pills.			

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



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AICS		: not determined	
DSL		: not determined	
IECSO	C	: not determined	

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

Revision Date	:	23.07.2024
Date format	:	dd.mm.yyyy

#### 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 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

Sources of key data used to : compile the Material Safety Data Sheet

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/





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The information is considered as correct, but not exhaustive, and will be used only as a guide, which is based in the current knowledge of the substance or mixture, and is applicable to proper safety precautions for the product.

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