

Version



Date of last issue: 2024/03/25

# Altrenogest (0.22%) Formulation

SDS Number:

Revision Date:

	2024/07/23		S Number: 2506-00011	Date of first issue: 2020/05/08
. PRODU	CT AND COMPANY IDE	ENT	IFICATION	
Produ	ict name	:	Altrenogest (0.	22%) Formulation
Other	Other means of identification		REGUMATE (	4004536)
Manu	facturer or supplier's d	etai		
Comp	bany	:	MSD	
Addre	ess	:	126 E. Lincoln Rahway, New	Avenue Jersey U.S.A. 07065
Telep	hone	:	908-740-4000	
Emer	gency telephone number	:	1-908-423-600	0
E-mai	il address	:	EHSDATASTE	WARD@msd.com
Reco	mmended use of the ch	nem	ical and restric	tions on use
	mmended use	:	Veterinary pro	duct
Restr	ictions on use	:	Not applicable	
GHS	DS IDENTIFICATION Classification term (chronic) aquatic d	:	Category 1	
<b>GHS</b> Long- hazar	<b>Classification</b> term (chronic) aquatic d	:	Category 1	
GHS Long- hazar GHS	<b>Classification</b> term (chronic) aquatic d <b>label elements</b>	:	Category 1	
GHS Long- hazar GHS	<b>Classification</b> term (chronic) aquatic d	:	Category 1	
GHS Long- hazar GHS Hazar	<b>Classification</b> term (chronic) aquatic d <b>label elements</b>	: :	Category 1	
GHS Long- hazar GHS Hazar Signa	<b>Classification</b> term (chronic) aquatic d <b>label elements</b> rd pictograms	:	Warning	ic to aquatic life with long lasting effects.
GHS Long- hazar GHS Hazar Signa Hazar	<b>Classification</b> term (chronic) aquatic d <b>label elements</b> rd pictograms	:	Warning	ic to aquatic life with long lasting effects.
GHS Long- hazar GHS Hazar Signa Hazar	Classification term (chronic) aquatic d label elements rd pictograms I word	:	Warning H410 Very tox Prevention:	ic to aquatic life with long lasting effects. ease to the environment.
GHS Long- hazar GHS Hazar Signa Hazar	Classification term (chronic) aquatic d label elements rd pictograms I word	: : : :	Warning H410 Very tox Prevention:	ease to the environment.
GHS Long- hazar GHS Hazar Signa Hazar	Classification term (chronic) aquatic d label elements rd pictograms I word	:	Warning H410 Very tox Prevention: P273 Avoid re Response:	ease to the environment.



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disposal plant.

Other hazards which do not result in classification None known.

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

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Benzyl alcohol	100-51-6	< 10
altrenogest	850-52-2	>= 0.025 -< 0.25

### 4. FIRST AID MEASURES

Unsuitable extinguishing

media

fighting

	General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.
	If inhaled	:	If inhaled, remove to fresh air. 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. Get medical attention. Rinse mouth thoroughly with water.
	Most important symptoms and effects, both acute and delayed	:	None known.
	Protection of first-aiders	:	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 to physician	:	Treat symptomatically and supportively.
5. F	FIREFIGHTING MEASURES		
	Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical

: None known.





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	Hazard	lous combustion prod-	:	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.			
Special protective equipmen for firefighters			:	In the event of fire	e, wear self-contained breathing apparatus. tective equipment.	
6. A	CCIDE	NTAL RELEASE MEAS	SUF	RES		
Personal precautions, protec- tive equipment and emer- gency procedures		:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro- tective 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. Local authorities should be advised if significant spillages cannot be contained.			
		ds and materials for iment and cleaning up	:	For large spills, pu ment to keep mat be pumped, store Clean up remainin bent. Local or national up posal of this mate employed in the of mine which regula Sections 13 and 1	t absorbent material. rovide dyking or other appropriate contain- erial from spreading. If dyked material can recovered material in appropriate container. ng materials from spill with suitable absor- regulations may apply to releases and dis- rial, as well as those materials and items cleanup of releases. You will need to deter- ations are applicable. 15 of this SDS provide information regarding tional requirements.	
7. H		NG 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 vapours 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 as-



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	tions for safe storage als to avoid	environment. : Keep in properly Keep tightly clos Store in accorda	vent spills, waste and minimize release to the labelled containers. ed. nce with the particular national regulations. the following product types:

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
altrenogest	850-52-2	TWA	1 µg/m3 (OEB 4)	Internal
	Further informa	ation: Skin		
		Wipe limit	10 µg/100 cm <sup>2</sup>	Internal

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 poten- tial exists for aerosolization. If this potential does not exist, handle over lined trays or benchtops.
Personal protective equipme	ent	
Respiratory protection Filter type Hand protection	:	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection. Combined particulates and organic vapour type
Material	:	Chemical-resistant gloves
Remarks Eye protection	:	Consider double gloving. Wear safety glasses with side shields or goggles. 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.

Skin and body protection: Work uniform or laboratory coat.<br/>Additional body garments should be used based upon the<br/>task being performed (e.g., sleevelets, apron, gauntlets, dis-<br/>posable suits) to avoid exposed skin surfaces.



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Hygie	ene measures	contaminated of If exposure to of eye flushing sy ing place. When using do Wash contamin The effective of engineering con appropriate deg	chemical is likely during typical use, provide stems and safety showers close to the work- not eat, drink or smoke. nated clothing before re-use. peration of a facility should include review of ntrols, proper personal protective equipment, gowning and decontamination procedures, ne monitoring, medical surveillance and the

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	No data available
Odour	:	odourless
Odour Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
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
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Relative density	:	No data available
Density	:	No data available
Solubility(ies)		



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ater colubility	· No data available				
on coefficient: n- bl/water	: No data available				
gnition temperature	: No data available				
nposition temperature	: No data available				
sity cosity, kinematic	: No data available				
sive properties	: Not explosive				
ing properties	: The substance or mixture is not classified as ox	idizing.			
ular weight	: No data available				
e characteristics e size	: No data available				
	2024/07/23 ater solubility on coefficient: n- ol/water gnition temperature nposition temperature sity acosity, kinematic sive properties ing properties ular weight e characteristics	2024/07/23       5842506-00011       Date of first issue: 2020/05/08         ater solubility       :       No data available         on coefficient: n-       :       No data available         ol/water       :       No data available         opposition temperature       :       No data available         inposition temperature       :       No data available         sity       :       No data available         sive properties       :       No texplosive         ing properties       :       The substance or mixture is not classified as ox         ular weight       :       No data available			

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

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

### 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: > 2,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method



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Com	nonontoi			
Com	ponents:			
	yl alcohol:			200 //
Acute	e oral toxicity	: LC	050 (Rat): 1,6	520 mg/kg
Acute	e inhalation toxicity	E> Te		
altre	nogest:			
	e oral toxicity	: LC	050 (Rat): 17	7 mg/kg
		LC	050 (Dog): 40	00 mg/kg
Not c	corrosion/irritation classified based on ava ponents:	ailable info	ormation.	
Spec	yl alcohol:	· Re	abbit	
Meth Resu	od	: 0	ECD Test Gu skin irritatio	
Serio	ous eye damage/eye	irritation		
Not c	lassified based on ava	ailable info	ormation.	
<u>Com</u>	ponents:			
Benz	yl alcohol:			
Spec Resu			abbit	a reversing within 21 days
Meth			ECD Test Gu	s, reversing within 21 days iideline 405
Resp	piratory or skin sensi	tisation		
Skin	sensitisation			
-	lassified based on ava	ailable info	ormation.	
Resp	piratory sensitisation			
Not c	lassified based on ava	ailable info	ormation.	
<u>Com</u>	ponents:			
Benz	yl alcohol:			
Test	Туре		aximisation T	est
Expo Spec	sure routes ies	-	kin contact uinea pig	
Meth	od	: 0	ECD Test Gu	ideline 406
Resu	JII	: ne	gative	





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Germ	cell mutagenicity			
	lassified based on ava	ailable	information.	
<u>Com</u>	oonents:			
Benz	yl alcohol:			
Geno	toxicity in vitro	:	Test Type: Bac Result: negative	terial reverse mutation assay (AMES) e
Geno	toxicity in vivo	:	cytogenetic ass Species: Mouse	e ite: Intraperitoneal injection
altrer	nogest:			
	toxicity in vitro	:	Test Type: Bac Result: negative	terial reverse mutation assay (AMES)
			Test Type: Chro Result: negative	omosome aberration test in vitro
				A damage and repair, unscheduled DNA syn- alian cells (in vitro) e
	<b>nogenicity</b> lassified based on ava	ailable	information	
	oonents:			
-	yl alcohol:			
Speci	•	:	Mouse	
	cation Route sure time	:	Ingestion 103 weeks	
Metho		:	OECD Test Gu	deline 451
Resu	lt	:	negative	
Repr	oductive toxicity			
-	lassified based on ava	ailable	information.	
<u>Com</u>	oonents:			
Benz	yl alcohol:			
	ts on fertility	:	Species: Rat Application Rou Result: negative	



sion	Revision Date: 2024/07/23	SDS Number: 5842506-00011	Date of last issue: 2024/03/25 Date of first issue: 2020/05/08
Effect ment	s on foetal develop-	: Test Type: Em Species: Mous Application Ro Result: negativ	ute: Ingestion
	nogest:		
Effect	s on fertility	Species: Rat Application Ro Fertility: NOAE	o-generation reproduction toxicity study ute: Oral EL: 0.016 mg/kg body weight on fertility, No effects on mating performance
		Species: Monk Application Ro	
Repro sessn	oductive toxicity - As- nent		e of adverse effects on sexual function and fert levelopment, based on animal experiments
Not cl	<ul> <li>single exposure</li> <li>assified based on avail</li> <li>repeated exposure</li> </ul>	able information.	
Not cl <b>STOT</b> Not cl	lassified based on avail		
Not cl STOT Not cl <u>Com</u> t	lassified based on avail - repeated exposure lassified based on avail ponents:		
Not cl STOT Not cl Comp altrer Expos Targe	assified based on avail - repeated exposure lassified based on avail	able information. : Oral : Immune syster	m, Adrenal gland
Not cl STOT Not cl Comp altrer Expos Targe Asses	lassified based on avail - repeated exposure lassified based on avail <u>conents:</u> nogest: sure routes et Organs	able information. : Oral : Immune syster : May cause dar	m, Adrenal gland mage to organs through prolonged or repeated
Not cl STOT Not cl Comp altrer Expos Targe Asses Expos Targe	lassified based on avail - repeated exposure lassified based on avail ponents: nogest: sure routes of Organs ssment sure routes	able information. Coral Immune system May cause dan exposure. Coral	m, Adrenal gland mage to organs through prolonged or repeated
Not cl STOT Not cl Comp altrer Expos Targe Asses Expos Targe Repe	lassified based on avail - repeated exposure lassified based on avail conents: nogest: sure routes of Organs sure routes sure routes of Organs	able information. Coral Immune system May cause dan exposure. Coral	m, Adrenal gland mage to organs through prolonged or repeated
Not cl STOT Not cl Comp altrer Expos Targe Asses Expos Targe Repe <u>Comp</u>	lassified based on avail - repeated exposure lassified based on avail conents: nogest: sure routes of Organs sure routes of Organs ated dose toxicity	able information. Coral Immune system May cause dan exposure. Coral	m, Adrenal gland mage to organs through prolonged or repeated
Not cl STOT Not cl Comp Expos Targe Asses Expos Targe Repe Comp Speci	lassified based on avail - repeated exposure lassified based on avail conents: nogest: sure routes et Organs sere routes et Organs ated dose toxicity conents: yl alcohol: es	<ul> <li>able information.</li> <li>Cral</li> <li>Immune system</li> <li>May cause dan exposure.</li> <li>Oral</li> <li>Pituitary gland</li> </ul>	m, Adrenal gland mage to organs through prolonged or repeated
Not cl STOT Not cl Comp Expos Targe Asses Expos Targe Repe Comp Speci NOAE	lassified based on avail - repeated exposure lassified based on avail conents: nogest: sure routes et Organs sere routes et Organs ated dose toxicity conents: yl alcohol: es EL	<ul> <li>able information.</li> <li>Cral</li> <li>Immune syster</li> <li>May cause dar exposure.</li> <li>Oral</li> <li>Pituitary gland</li> <li>Rat</li> <li>1.072 mg/l</li> </ul>	m, Adrenal gland mage to organs through prolonged or repeated
Not cl STOT Not cl Comp Expos Targe Asses Expos Targe Repe Comp Speci NOAE Applic	lassified based on avail - repeated exposure lassified based on avail conents: hogest: sure routes of Organs sure routes et Organs ated dose toxicity conents: yl alcohol: es EL cation Route sure time	<ul> <li>able information.</li> <li>Cral</li> <li>Immune system</li> <li>May cause dan exposure.</li> <li>Oral</li> <li>Pituitary gland</li> </ul>	m, Adrenal gland mage to organs through prolonged or repeated
Not cl STOT Not cl Comp Expos Targe Asses Expos Targe Repe Comp Speci NOAE Applic Expos Metho	lassified based on avail - repeated exposure lassified based on avail conents: hogest: sure routes et Organs sere routes et Organs ated dose toxicity conents: yl alcohol: es EL cation Route sure time od	<ul> <li>able information.</li> <li>Cral <ul> <li>Immune syster</li> <li>May cause dar</li> <li>exposure.</li> </ul> </li> <li>Oral <ul> <li>Pituitary gland</li> </ul> </li> <li>Rat <ul> <li>1.072 mg/l</li> <li>inhalation (dus</li> <li>28 Days</li> </ul> </li> </ul>	m, Adrenal gland mage to organs through prolonged or repeated
Not cl STOT Not cl Comp Expos Targe Asses Expos Targe Repe Comp Speci NOAE Applic Expos Metho	lassified based on avail - repeated exposure lassified based on avail conents: hogest: sure routes of Organs sure routes of Organs ated dose toxicity ponents: yl alcohol: es EL cation Route sure time od	<ul> <li>able information.</li> <li>Cral <ul> <li>Immune syster</li> <li>May cause dar</li> <li>exposure.</li> </ul> </li> <li>Oral <ul> <li>Pituitary gland</li> </ul> </li> <li>Rat <ul> <li>1.072 mg/l</li> <li>inhalation (dus</li> <li>28 Days</li> </ul> </li> </ul>	m, Adrenal gland mage to organs through prolonged or repeated



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NOAE	EL		0.06 mg/kg	
	ation Route	÷	Oral	
	sure time	:	13 Weeks	
Targe	t Organs	:		male reproductive organs, female reprodu
_			tive organs, Adre	
Rema	irks	:	Effects on fertility	
Speci	es	:	Pig	
NOAE		:	0.004 mg/kg	
Applic	ation Route	:	Oral	
	sure time	:	13 Weeks	
	t Organs	:		e organs, female reproductive organs
Rema	irks	:	Effects on fertility	
Speci	es	:	Pig	
NOAE	EL	:	0.002 mg/kg	
	cation Route	:	Oral	
	sure time	:	1 yr	
	t Organs	÷		e organs, Pituitary gland
Rema	IFKS	:	Effects on fertility	
Speci	es	:	Horse	
LOAE		:	220 mg/kg	
	cation Route	:	Oral	
	sure time	:	86 Days	and the second sec
	IKS		No significant ad	
Rema		•	-	
	-	•		
Aspir	ation toxicity assified based on availa	able	information.	
<b>Aspir</b> Not cl	ation toxicity			
Aspir Not cl Expe	ation toxicity assified based on availa			
Aspir Not cl Expe Comp	ation toxicity assified based on availa rience with human exp ponents:			
Aspir Not cl Expe Comp altren	ation toxicity assified based on availa rience with human exp ponents: hogest:		ire	
Aspir Not cl Exper Comp altren	ation toxicity assified based on availa rience with human exp ponents: hogest:		<b>ire</b> Symptoms: respi	ratory tract irritation
Aspir Not cl Exper Comp altren Inhala Skin c	ation toxicity assified based on availa rience with human exp ponents: nogest: ation		ire	ratory tract irritation irritation
Aspir Not cl Exper Comp altren Inhala Skin c Eye c	ation toxicity assified based on availa rience with human exp ponents: nogest: ation contact		<b>Ire</b> Symptoms: respi Symptoms: Skin	ratory tract irritation irritation
Aspir Not cl Exper Comp altren Inhala Skin c Eye c	ation toxicity assified based on availa rience with human exp ponents: nogest: ation contact ontact		<b>Ire</b> Symptoms: respi Symptoms: Skin	ratory tract irritation irritation
Aspir Not cl Exper altren Inhala Skin c Eye c ECOLO	ation toxicity assified based on availa rience with human exp ponents: nogest: ation contact ontact DGICAL INFORMATION		<b>Ire</b> Symptoms: respi Symptoms: Skin	ratory tract irritation irritation
Aspir Not cl Exper altren Inhala Skin c Eye c ECOLO Ecoto	ation toxicity assified based on availa rience with human exp ponents: nogest: ation contact ontact DGICAL INFORMATION poxicity ponents:		<b>Ire</b> Symptoms: respi Symptoms: Skin	ratory tract irritation irritation
Aspir Not cl Exper Comp altren Inhala Skin c Eye c ECOLO Ecoto Comp Benz	ation toxicity assified based on availa rience with human exp ponents: hogest: htion contact ontact OGICAL INFORMATION pxicity ponents: yl alcohol:		<b>Ire</b> Symptoms: respi Symptoms: Skin Symptoms: Eye i	ratory tract irritation irritation rritation
Aspir Not cl Exper Comp altren Inhala Skin c Eye c ECOLO Ecoto Comp Benz	ation toxicity assified based on availa rience with human exp ponents: nogest: ation contact ontact DGICAL INFORMATION poxicity ponents:		<b>Ire</b> Symptoms: respi Symptoms: Skin Symptoms: Eye i	ratory tract irritation irritation rritation
Aspir Not cl Exper Comr altren Inhala Skin c Eye c ECOLO Ecoto Ecoto Benz Toxici	ation toxicity assified based on availa rience with human exp ponents: hogest: htion contact ontact OGICAL INFORMATION pxicity ponents: yl alcohol:	: : : N	Ire Symptoms: respi Symptoms: Skin Symptoms: Eye i LC50 (Pimephale Exposure time: 9	ratory tract irritation irritation rritation
Aspir Not cl Exper Comp altren Inhala Skin c Eye c ECOLO ECOLO Ecoto Comp Benz Toxici	ation toxicity assified based on availa rience with human exp ponents: hogest: htion contact ontact DGICAL INFORMATION pxicity ponents: yl alcohol: ty to fish	: : : N	Ire Symptoms: respi Symptoms: Skin Symptoms: Eye i LC50 (Pimephale Exposure time: 9 EC50 (Daphnia r Exposure time: 4	ratory tract irritation irritation rritation es promelas (fathead minnow)): 460 mg/l 6 h nagna (Water flea)): 230 mg/l 8 h
Aspir Not cl Exper Comp altren Inhala Skin c Eye c ECOLO ECOLO Ecoto Comp Benz Toxici	ation toxicity assified based on availa rience with human exp ponents: hogest: ation contact ontact DGICAL INFORMATION pxicity ponents: yl alcohol: ty to fish ty to daphnia and other	: : : N	Ire Symptoms: respi Symptoms: Skin Symptoms: Eye i LC50 (Pimephale Exposure time: 9 EC50 (Daphnia r Exposure time: 4	ratory tract irritation irritation rritation es promelas (fathead minnow)): 460 mg/l 6 h nagna (Water flea)): 230 mg/l



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	Toxicity plants	to algae/aquatic	:	EC50 (Pseudokiro mg/l Exposure time: 72 Method: OECD To	
				NOEC (Pseudokir mg/l Exposure time: 72 Method: OECD Te	
		to daphnia and other invertebrates (Chron- y)	:	NOEC (Daphnia r Exposure time: 21 Method: OECD Te	
	altrenog	gest:			
		to fish (Chronic tox-	:	NOEC (Danio reri Exposure time: 32 Method: OECD Te	
	M-Facto toxicity)	or (Chronic aquatic	:	100,000	
	Persiste	ence and degradabili	ity		
	Compo	nents:			
	Benzyl	alcohol:			
	Biodegra		:	Result: Readily bi Biodegradation: 9 Exposure time: 14	92 - 96 %
	Bioaccu	umulative potential			
	Compo	nents:			
		alcohol:			
		coefficient: n-	:	log Pow: 1.05	
	altrenog Partition octanol/	coefficient: n-	:	log Pow: 3.78	
	Mobility	/ in soil			
	Compo	nents:			
		<b>gest:</b> tion among environ- compartments	:	log Koc: 3.3	



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Other	adverse effects		
	ta available		
3. DISPO	SAL CONSIDERATION	IS	
Dispo	sal methods		
Waste	from residues		se of waste into sewer.
Conta	minated packaging	: Empty contai dling site for	a accordance with local regulations. iners should be taken to an approved waste han recycling or disposal. ise specified: Dispose of as unused product.
4. TRANS	SPORT INFORMATION		
Intern	ational Regulations		
UNRT	DG		
UN nu		: UN 3082	
Prope	r shipping name	: ENVIRONME N.O.S. (altrenogest)	ENTALLY HAZARDOUS SUBSTANCE, LIQUID
Class		: 9	
Packir Labels	ng group	:	
	onmentally hazardous	: 9 : yes	
IATA-	•	. 900	
UN/ID	-	: UN 3082	
	r shipping name		ally hazardous substance, liquid, n.o.s. )
Class		: 9	
	ng group	: III Minoralla a s	
Labels	s ng instruction (cargo	: Miscellaneou : 964	IS
aircraf		. 304	
	ng instruction (passen-	: 964	
Enviro	nmentally hazardous	: yes	
IMDG	-Code		
UN nu		: UN 3082	
	r shipping name	N.O.S. (altrenogest)	ENTALLY HAZARDOUS SUBSTANCE, LIQUID
Class		: 9	
	ng group	:	
Labels	s Code	: 9 : F-A, S-F	
		. г-д, э-г	

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied.



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#### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### **15. REGULATORY INFORMATION**

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

Minister of Industry Regulation No. 23/M-IND/PER/4/2013 concerning the Revision of Minister of Industry Regulation No. 87/M-IND/PER/9/2009 concerning Globally Harmonized System of Classification and Labelling of Chemicals.

# Regulation of the Minister of Health No. 472 of 1996 on the Safeguarding of Substances Hazardous to Health

Hazardous substances that must be registered : Not applicable

#### Government Regulation No. 74 of 2001 on the Management of Hazardous and Toxic Substances

Hazardous substances approved for use	:	Not applicable
Prohibited substances	:	Not applicable
Restricted substances	:	Not applicable

# Regulation of the Ministry of Trade No. 7 of 2022 on Distribution and Control of Hazardous Materials

Type of hazardous materials subject to distribution and : Not applicable control, Annex I

Type of hazardous materials subject to distribution and : Not applicable control, Annex II

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

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

#### 16. OTHER INFORMATION

Revision Date	:	2024/07/23
Further information		
Sources of key data used to compile the Safety Data	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen-



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Date format : yyyy/mm/dd

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

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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