Revision Date:

16.10.2020

Version

5.4



Date of last issue: 23.03.2020

Date of first issue: 04.11.2014

## Ezetimibe / Simvastatin Formulation

SDS Number:

28128-00016

	- Eastimike / Simulation
Product name	: Ezetimibe / Simvastatin Formulation
Manufacturer or supplier's c	
Company name of supplier Address	<ul> <li>Organon &amp; Co.</li> <li>Avenida 16 de Septiembre No. 301</li> <li>Xaltocan - Xochimilco Mexico 16090</li> </ul>
Telephone Emergency telephone E-mail address	: 52 55 57284444 : 215-631-6999 : EHSSTEWARD@organon.com
Recommended use of the cl	hemical and restrictions on use
Recommended use	: Pharmaceutical
SECTION 2. HAZARDS IDENTIFIC	CATION
GHS Classification	
Skin irritation	: Category 2
Skin sensitization	: Category 1
Specific target organ toxicity - repeated exposure	: Category 1 (Liver, muscle, optic nerve, Eye)
GHS label elements Hazard pictograms	
Signal Word	: Danger
Hazard Statements	<ul> <li>H315 Causes skin irritation.</li> <li>H317 May cause an allergic skin reaction.</li> <li>H372 Causes damage to organs (Liver, muscle, optic nerve, Eye) through prolonged or repeated exposure.</li> </ul>
Precautionary Statements	<ul> <li>Prevention:</li> <li>P260 Do not breathe dust.</li> <li>P264 Wash skin thoroughly after handling.</li> <li>P270 Do not eat, drink or smoke when using this product.</li> <li>P272 Contaminated work clothing should not be allowed out of the workplace.</li> <li>P280 Wear protective gloves.</li> <li>Response:</li> <li>P302 + P352 IF ON SKIN: Wash with plenty of water.</li> <li>P314 Get medical advice/ attention if you feel unwell.</li> <li>P333 + P313 If skin irritation or rash occurs: Get medical advice attention.</li> <li>P362 + P364 Take off contaminated clothing and wash it before reuse.</li> </ul>



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#### Disposal:

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

#### Other hazards

Dust contact with the eyes can lead to mechanical irritation. May form explosive dust-air mixture during processing, handling or other means.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Cellulose	9004-34-6	>= 10 -< 20
Ezetimibe	163222-33-1	>= 10 -< 20
Simvastatin	79902-63-9	>= 10 -< 20
Magnesium stearate	557-04-0	>= 1 -< 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. Get medical attention if symptoms occur.
In case of skin contact	:	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	:	If in eyes, rinse well with water. Get medical attention if irritation develops and persists.
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms	:	Causes skin irritation.
and effects, both acute and delayed		May cause an allergic skin reaction. Causes damage to organs through prolonged or repeated
Protection of first-aiders	:	exposure. Dust contact with the eyes can lead to mechanical irritation. 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.

#### **SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media :

Water spray Alcohol-resistant foam



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medi	ific hazards during fire	:	concentrations, a potential dust exp	dust; fine dust dispersed in air in sufficient nd in the presence of an ignition source is a
Haza ucts	rdous combustion prod-	:	Carbon oxides Nitrogen oxides ( Fluorine compour Metal oxides	
Spec ods	ific extinguishing meth-	:	cumstances and Use water spray	g measures that are appropriate to local cir- the surrounding environment. to cool unopened containers. ged containers from fire area if it is safe to do
	ial protective equipment e-fighters	:		e, wear self-contained breathing apparatus. tective equipment.
ECTION	6. ACCIDENTAL RELE	AS	E MEASURES	
tive e	onal precautions, protec- equipment and emer- y procedures	:	Follow safe hand	tective equipment. ling advice (see section 7) and personal nent recommendations (see section 8).
Envir	onmental precautions	<ul> <li>Avoid release to the environment.</li> <li>Prevent further leakage or spillage if safe to do so.</li> <li>Retain and dispose of contaminated wash water.</li> <li>Local authorities should be advised if significant spill cannot be contained.</li> </ul>		akage or spillage if safe to do so. se of contaminated wash water. should be advised if significant spillages
	ods and materials for ainment and cleaning up	:	container for disp Avoid dispersal o with compressed Dust deposits sho surfaces, as thes released into the Local or national disposal of this m employed in the o determine which Sections 13 and	f dust in the air (i.e., clearing dust surfaces

### SECTION 7. HANDLING AND STORAGE

Technical measures	: Static electricity may accumulate and ignite suspende	d dust
	causing an explosion.	
	Provide adequate precautions, such as electrical grou	inding



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	I/Total ventilation ce on safe handling	<ul> <li>Use only with</li> <li>Do not get on Do not breath</li> <li>Do not swallo</li> <li>Avoid contact</li> <li>Wash skin the Handle in according</li> <li>practice, base</li> <li>assessment</li> <li>Minimize dus</li> <li>Keep contain</li> <li>Keep away fr</li> <li>Take precaut</li> <li>Do not eat, du</li> </ul>	w.
Hygi	ene measures	: If exposure to flushing syste place. When using of Contaminated workplace. Wash contam The effective engineering of appropriate d industrial hyg	e chemical is likely during typical use, provide eye ems and safety showers close to the working do not eat, drink or smoke. d work clothing should not be allowed out of the ninated clothing before re-use. operation of a facility should include review of controls, proper personal protective equipment, egowning and decontamination procedures, iene monitoring, medical surveillance and the strative controls.
Cond	ditions for safe storage	: Keep in prope	rdance with the particular national regulations.
Mate	erials to avoid		with the following product types:

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis		
Cellulose	9004-34-6	VLE-PPT	10 mg/m³	NOM-010- STPS-2014		
		TWA	10 mg/m <sup>3</sup>	ACGIH		
Ezetimibe	163222-33-1	TWA	25 µg/m3 (OEB 3)	Internal		
		Wipe limit	250 µg/100 cm <sup>2</sup>	Internal		
Simvastatin	79902-63-9	TWA	25 µg/m3 (OEB 3)	Internal		
	Further inform	Further information: DSEN				
		Wipe limit	250 µg/100 cm <sup>2</sup>	Internal		
Magnesium stearate	557-04-0	VLE-PPT	10 mg/m³	NOM-010- STPS-2014		



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			TWA (Inhalable particulate matter)	10 mg/m³	ACGIH	
			TWA (Respirable particulate matter)	3 mg/m³	ACGIH	
Engi	neering measures	design and o protect produ Containment are required	perated in accord acts, workers, and technologies sui to control at sour d to uncontrolled devices).	d be implemented dance with GMP d the environmen itable for controllin rce and to preven I areas (e.g., open	principles to t. ng compounds t migration of	
Perse	onal protective equip	ment				
Resp	iratory protection	exposure as	sessment demon	tilation is not avai strates exposures e respiratory prote	s outside the	
	lter type protection	: Particulates				
M	aterial	: Chemical-res	sistant gloves			
	emarks protection	If the work er mists or aero Wear a faces	glasses with side nvironment or act sols, wear the ap shield or other ful	e shields or goggle tivity involves dus opropriate goggle I face protection i the face with dust	sty conditions, s. if there is a	
Skin a	and body protection	: Work uniform Additional bo task being pe disposable s	erformed (e.g., sl uits) to avoid exp ate degowning te	bat. Jould be used base eevelets, apron, g losed skin surface echniques to remo	gauntlets, es.	

Appearance	·	powder
Color	:	No data available
Odor	:	No data available
Odor Threshold	:	No data available
рН	:	No data available

### SAFETY DATA SHEET



# **Ezetimibe / Simvastatin Formulation**

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I	Melting	point/freezing point	:	No data available	
	Initial bo range	piling point and boiling	:	No data available	
I	Flash p	oint	:	No data available	•
I	Evapora	ation rate	:	No data available	
I	Flamma	ability (solid, gas)	:	May form explosi handling or other	ve dust-air mixture during processing, means.
I	Flamma	ability (liquids)	:	No data available	•
		explosion limit / Upper bility limit	:	No data available	
		explosion limit / Lower bility limit	:	No data available	
v	Vapor p	pressure	:	No data available	
I	Relative	e vapor density	:	No data available	
I	Relative	e density	:	No data available	•
:	Solubilit Wate	ty(ies) er solubility	:	No data available	
		n coefficient: n-	:	No data available	•
	octanol/ Autoign	ition temperature	:	No data available	•
I	Decom	position temperature	:	No data available	
,	Viscosit Visc	y osity, kinematic	:	No data available	
I	Explosi	ve properties	:	Not explosive	
(	Oxidizir	ng properties	:	The substance or	mixture is not classified as oxidizing.
I	Molecul	ar weight	:	No data available	
I	Particle	size	:	No data available	

### SECTION 10. STABILITY AND REACTIVITY

:	Not classified as a reactivity hazard.
:	Stable under normal conditions.
:	May form explosive dust-air mixture during processing, handling or other means.
	Can react with strong oxidizing agents.



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Incom	tions to avoid patible materials dous decomposition cts	:	Heat, flames and Avoid dust forma Oxidizing agents No hazardous de	tion.
ECTION	11. TOXICOLOGICAL I	NFC	ORMATION	
Inhala	ontact ion	of	exposure	
	toxicity		· •	
	assified based on availa <b>conents:</b>	ble	intormation.	
Cellul				
	oral toxicity	:	LD50 (Rat): > 5,0	00 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 5.8 Exposure time: 4 Test atmosphere:	h
Acute	dermal toxicity	:	LD50 (Rabbit): > 2	2,000 mg/kg
Ezetir	nibe:			
Acute	oral toxicity	:	LD50 (Rat): > 5,0	00 mg/kg
			LD50 (Mouse): >	5,000 mg/kg
			LD50 (Dog): > 3,0	000 mg/kg
Acute	inhalation toxicity	:	Remarks: No data	a available
Acute	dermal toxicity	:	Remarks: No data	a available
	toxicity (other routes of istration)	:	LD50 (Rat): > 2,0 Application Route	
			LD50 (Mouse): > Application Route	1,000 - < 2,000 mg/kg : Intraperitoneal
Simva	astatin:			
Acute	oral toxicity	:	LD50 (Rat): 5,000	) mg/kg
			LD50 (Mouse): 3,	800 mg/kg
Magn	esium stearate:			
Acute	oral toxicity	:	LD50 (Rat): > 2,0	00 mg/kg



sion	Revision Date: 16.10.2020	SDS Number: 28128-00016	Date of last issue: 23.03.2020 Date of first issue: 04.11.2014
		Assessment: icity	CD Test Guideline 423 The substance or mixture has no acute oral to ased on data from similar materials
Acute	dermal toxicity	: LD50 (Rabbi Remarks: Ba	t): > 2,000 mg/kg ased on data from similar materials
	corrosion/irritation		
Comp	onents:		
Ezetin	nibe:		
Specie		: Rabbit	
Result		: No skin irrita	tion
Simva	astatin:		
Specie Rema		: Rabbit : Moderate sk	in irritation
Magne	esium stearate:		
Specie		: Rabbit	
Result Rema		: No skin irrita : Based on da	tion ta from similar materials
Remain <b>Seriou</b> Not cla	rks u <b>s eye damage/eye</b> assified based on av	: Based on da	
Remain <b>Seriou</b> Not cla	rks u <b>s eye damage/eye</b>	: Based on da	
Remain <b>Seriou</b> Not cla	rks u <b>s eye damage/eye</b> assified based on av ponents:	: Based on da	
Reman Seriou Not cla <u>Comp</u> Ezetin Specie	rks us eye damage/eye assified based on av ponents: nibe: es	: Based on da irritation ailable information. : Rabbit	ta from similar materials
Remain Seriou Not cla <u>Comp</u> Ezetin	rks us eye damage/eye assified based on av ponents: nibe: es	: Based on da irritation ailable information.	ta from similar materials
Reman Seriou Not cla Comp Ezetin Specie Result	rks us eye damage/eye assified based on av ponents: nibe: es t	: Based on da irritation ailable information. : Rabbit : No eye irritat	ta from similar materials
Reman Seriou Not cla <u>Comp</u> Ezetin Specie Result	rks us eye damage/eye assified based on av ponents: nibe: es t astatin: es	: Based on da irritation ailable information. : Rabbit	ta from similar materials
Reman Seriou Not cla Comp Ezetin Specie Result Simva Specie Reman	rks us eye damage/eye assified based on av ponents: nibe: es t astatin: es rks	: Based on da irritation ailable information. : Rabbit : No eye irritat : Rabbit	ta from similar materials
Reman Seriou Not cla Comp Ezetin Specie Result Simva Specie Reman	rks us eye damage/eye assified based on av ponents: nibe: es t astatin: es rks esium stearate:	: Based on da irritation ailable information. : Rabbit : No eye irritat : Rabbit	ta from similar materials
Remain Seriou Not cla Comp Ezetin Specie Result Simva Specie Remain Magne Specie Result	rks <b>us eye damage/eye</b> assified based on av <b>ponents:</b> <b>nibe:</b> es t <b>astatin:</b> es rks <b>esium stearate:</b> es t	: Based on da irritation ailable information. : Rabbit : No eye irritat : Rabbit : slight irritatio : Rabbit : No eye irritat	ta from similar materials :ion n
Reman Seriou Not cla Comp Ezetin Specie Result Simva Specie Reman Magne Specie	rks <b>us eye damage/eye</b> assified based on av <b>ponents:</b> <b>nibe:</b> es t <b>astatin:</b> es rks <b>esium stearate:</b> es t	: Based on da irritation ailable information. : Rabbit : No eye irritat : Rabbit : slight irritatio : Rabbit : No eye irritat	ta from similar materials tion
Reman Seriou Not cla Comp Ezetin Specie Result Simva Specie Reman Specie Reman Specie Result	rks <b>us eye damage/eye</b> assified based on av <b>ponents:</b> <b>nibe:</b> es t <b>astatin:</b> es rks <b>esium stearate:</b> es t	<ul> <li>: Based on da</li> <li>irritation</li> <li>ailable information.</li> <li>: Rabbit</li> <li>: No eye irritat</li> <li>: Rabbit</li> <li>: slight irritatio</li> <li>: Rabbit</li> <li>: No eye irritat</li> <li>: Based on da</li> </ul>	ta from similar materials :ion n
Reman Seriou Not cla Comp Ezetin Specie Result Simva Specie Reman Specie Reman Result Reman	rks <b>us eye damage/eye</b> assified based on av <b>ponents:</b> <b>nibe:</b> es t <b>astatin:</b> es rks <b>esium stearate:</b> es t rks	<ul> <li>: Based on da</li> <li>irritation</li> <li>ailable information.</li> <li>: Rabbit</li> <li>: No eye irritat</li> <li>: Rabbit</li> <li>: slight irritatio</li> <li>: Rabbit</li> <li>: No eye irritat</li> <li>: Based on da</li> </ul>	ta from similar materials :ion n
Reman Seriou Not cla Comp Ezetin Specie Result Simva Specie Reman Specie Result Reman Respi Skin s	rks us eye damage/eye assified based on av ponents: nibe: es t astatin: es rks esium stearate: es t rks ratory or skin sens	: Based on da irritation railable information. : Rabbit : No eye irritat : Rabbit : slight irritatio : Rabbit : No eye irritat : Based on da itization	ta from similar materials :ion n



ersion 4	Revision Date: 16.10.2020	SDS Numl 28128-000	
<u>Com</u>	oonents:		
Ezeti	mibe:		
Test	Гуре	: Maxim	ization Test
Speci		: Guinea	a pig
Resul	t	: negativ	ve
Simva	astatin:		
Asses	ssment	: Probat	bility or evidence of skin sensitization in humans
Resul	t	: positive	
Magn	esium stearate:		
Test T		· Maxim	ization Test
	es of exposure	: Skin co	
Speci	•	: Guinea	
Metho			Test Guideline 406
Resul	t	: negativ	ve
Rema	ırks	: Based	on data from similar materials
Germ	cell mutagenicity		
Not cl	assified based on av	ailable informa	tion.
<u>Com</u>	oonents:		
Cellu	lose:		
Geno	toxicity in vitro		ype: Bacterial reverse mutation assay (AMES) : negative
			ype: In vitro mammalian cell gene mutation test : negative
Geno	toxicity in vivo	cytoge Specie Applica	ype: Mammalian erythrocyte micronucleus test (in vivo netic assay) es: Mouse ation Route: Ingestion : negative
Ezeti	mibe:		
Geno	toxicity in vitro	Metabo	ype: Bacterial reverse mutation assay (AMES) olic activation: with and without metabolic activation : negative
		Test sy	ype: Chromosomal aberration ystem: Human lymphocytes : negative
Geno	toxicity in vivo	Specie Cell typ Applica	ype: Micronucleus test es: Mouse pe: Bone marrow ation Route: Oral : negative



ersion 1	Revision Date: 16.10.2020	SDS Number: 28128-00016	Date of last issue: 23.03.2020 Date of first issue: 04.11.2014			
Simva	astatin:					
Geno	toxicity in vitro	: Test Type: Bacterial reverse mutation assay (AMES) Result: negative				
		Test Type: Result: neg	Alkaline elution assay ative			
		Test Type: Result: neg	Chromosomal aberration ative			
		Test Type: Result: neg	In vitro mammalian cell gene mutation test ative			
Geno	toxicity in vivo	Species: M	Route: Oral			
	cell mutagenicity - ssment	: Weight of e cell mutage	evidence does not support classification as a gern en.			
Magn	esium stearate:					
Geno	toxicity in vitro	Result: neg	In vitro mammalian cell gene mutation test jative Based on data from similar materials			
		Method: OI Result: neg	Chromosome aberration test in vitro ECD Test Guideline 473 Jative Based on data from similar materials			
		Result: neg	Bacterial reverse mutation assay (AMES) ative Based on data from similar materials			

Carcinogenicity

Not classified based on available information.

### Components:

Cellulose:	
Cellulose.	

Species Application Route Exposure time Result	: Rat : Ingestion : 72 weeks : negative
<b>Ezetimibe:</b> Species Application Route Exposure time Result	: Rat, female : oral (feed) : 104 weeks : negative
Species	: Rat, male



4	Revision Date: 16.10.2020		0S Number: 128-00016	Date of last issue: 23.03.2020 Date of first issue: 04.11.2014
	ation Route ure time	::	oral (feed) 104 weeks negative	
	ation Route ure time	: : :	Mouse oral (feed) 104 weeks negative	
Simva	statin:			
Expos	ation Route ure time : Organs : Type	:	Mouse Oral < 92 weeks Harderian gland Liver, Lungs The significance	of these findings for humans is not certain.
	ation Route ure time <sup>.</sup> Type	: : : : : : : : : : : : : : : : : : : :	Rat Oral 2 Years Liver, Thyroid The significance	of these findings for humans is not certain.
Dawas	ductive toxicity			
Not cla	assified based on availa	able	information.	
Not cla <u>Comp</u>	assified based on availa onents:	able	information.	
Not cla <u>Comp</u> Cellul	assified based on availa onents:	able :		generation reproduction toxicity study e: Ingestion
Not cla <u>Comp</u> Cellul Effects	assified based on availa onents: ose:		Test Type: One-g Species: Rat Application Route Result: negative	e: Ingestion ty/early embryonic development
Not cla <u>Comp</u> Cellul Effects	assified based on availa onents: ose: s on fertility s on fetal development	:	Test Type: One-g Species: Rat Application Route Result: negative Test Type: Fertili Species: Rat Application Route	e: Ingestion ty/early embryonic development
Not cla <u>Comp</u> Cellul Effects Effects	assified based on availa onents: ose: s on fertility s on fetal development	:	Test Type: One-g Species: Rat Application Route Result: negative Test Type: Fertilit Species: Rat Application Route Result: negative Test Type: Fertilit Species: Rat, ma Fertility: NOAEL:	e: Ingestion ty/early embryonic development e: Ingestion ty/early embryonic development
Not cla <u>Comp</u> Cellul Effects Effects Effects	assified based on availa onents: ose: s on fertility s on fetal development	:	Test Type: One-g Species: Rat Application Route Result: negative Test Type: Fertilit Species: Rat Application Route Result: negative Test Type: Fertilit Species: Rat, ma Fertility: NOAEL: Result: No effects Test Type: Devel Species: Rat Application Route	e: Ingestion ty/early embryonic development e: Ingestion ty/early embryonic development le and female > 1,000 mg/kg body weight s on fertility., No fetotoxicity. opment e: Oral oxicity: NOAEL: > 1,000 mg/kg body weight



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				Application Route Developmental To Result: No advers	oxicity: NOAEL: > 1,000 mg/kg body weight			
	Simvas	statin:						
	Effects	on fertility	:	Test Type: Fertilit Species: Rat, mal Application Route Fertility: LOAEL: 2	e			
	Effects on fetal development		:	<ul> <li>Test Type: Embryo-fetal development Species: Rat Application Route: Oral Embryo-fetal toxicity.: NOAEL: 25 mg/kg body weight Result: No teratogenic effects., No adverse effects.</li> <li>Test Type: Embryo-fetal development Species: Rabbit Application Route: Oral Embryo-fetal toxicity.: NOAEL: 10 mg/kg body weight Result: No teratogenic effects., No adverse effects.</li> <li>Test Type: Embryo-fetal development Species: Rat Application Route: Oral Embryo-fetal toxicity.: LOAEL: 60 mg/kg body weight Result: Teratogenic potential.</li> </ul>				
	Magne	sium stearate:						
	-	on fertility	:	reproduction/dever Species: Rat Application Route Method: OECD To Result: negative				
	Effects	on fetal development	:	Species: Rat Application Route Result: negative	ro-fetal development : Ingestion on data from similar materials			

### STOT-single exposure

Not classified based on available information.

### STOT-repeated exposure

Causes damage to organs (Liver, muscle, optic nerve, Eye) through prolonged or repeated exposure.



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Comp	onents:		
Simva	astatin:		
	t Organs		e, optic nerve, Eye
Asses	sment	exposure.	age to organs through prolonged or repeated
Repea	ated dose toxicity		
<u>Comp</u>	oonents:		
Cellul	ose:		
Specie	es	: Rat	
NOAE	EL	: >= 9,000 mg	/kg
Applic	ation Route	: Ingestion	
Expos	sure time	: 90 Days	
Ezetir	nibe:		
Specie	es	: Dog	
NOAE	L	: 1,000 mg/kg	
Applic	ation Route	: Oral	
Expos	sure time	: 90 d	
Rema	rks	: No significar	at adverse effects were reported
Specie	es	: Rat	
NOAE	E	: 1,500 mg/kg	
Applic	ation Route	: Oral	
	sure time	: 90 d	
Rema	rks	: No significar	t adverse effects were reported
Specie	es	: Mouse	
NOAE	EL	: 500 mg/kg	
Applic	ation Route	: Oral	
	sure time	: 90 d	
Rema	rks	: No significar	adverse effects were reported
Specie		: Dog	
NOAE		: 300 mg/kg	
	ation Route	: Oral	
	sure time	: 1 y	
Rema	rks	: No significar	t adverse effects were reported
Simva	astatin:		
Specie	es	: Rat	
NOAE		: 5 mg/kg	
LOAE	L	: 30 mg/kg	
Applic	ation Route	: Oral	
	sure time	: 14 - 104 We	
	t Organs	: Liver, Testis	, Musculo-skeletal system, Eye
Specie		: Dog	
LOAE		: 10 mg/kg	
Annlic	ation Route	: Oral	



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Expos	sure time	: 14 -	104 Weeks
	t Organs	: Liver	r, Testis, Eye
Speci		: Rabb	bit
NOAE		: 30 m	
LOAE		: 50 m	
	ation Route t Organs	: Oral : Liver	r, Kidney
Magn	esium stearate:		
Speci		: Rat	
NOAE			0 mg/kg
	ation Route	: Inge	
Rema	sure time rks	: 90 D : Base	ed on data from similar materials
<b>Ezetiı</b> Not a	oonents: nibe: oplicable rience with human e	xposure	
<u>Comp</u>	oonents:		
Ezetir	nibe:		
Ingest	tion	lence	ptoms: Headache, Nausea, Vomiting, Diarrhea, flatu- e, muscle pain, upper respiratory tract infection, Back , joint pain
Simva	astatin:		
	contact		arks: May produce an allergic reaction.
Ingest	tion	Sym	et Organs: Liver ptoms: upper respiratory tract infection, Headache, Ab- inal pain, constipation, Nausea

Ecotoxicity	
Components:	
<b>Cellulose:</b> Toxicity to fish	<ul> <li>LC50 (Oryzias latipes (Japanese medaka)): &gt; 100 mg/l Exposure time: 48 h Remarks: Based on data from similar materials</li> </ul>
<b>Ezetimibe:</b> Toxicity to fish	: LC50 (Pimephales promelas (fathead minnow)): > 0.125 mg/l



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			Exposure time: 96 Method: OECD Te Remarks: No toxic	
	y to daphnia and other c invertebrates	:	Exposure time: 48 Method: OECD Te	
Toxicit plants	y to algae/aquatic	:	0.317 mg/l Exposure time: 96 Method: OECD Te	
			mg/l Exposure time: 96 Method: OECD Te	
Toxicit icity)	y to fish (Chronic tox-	:	NOEC (Pimephale Exposure time: 33 Method: OECD Te	
			Exposure time: 7	n variegatus (sheepshead minnow)): 4 mg/l d sity at the limit of solubility.
	y to daphnia and other c invertebrates (Chron- sity)	:	Exposure time: 21	nagna (Water flea)): 0.282 mg/l d sity at the limit of solubility.
Toxicit	y to microorganisms	:	EC50: > 4.4 mg/l Exposure time: 3 Test Type: Respir Method: OECD Te Remarks: No toxid	ation inhibition
			NOEC: 4.4 mg/l Exposure time: 3 Test Type: Respir Method: OECD Te Remarks: No toxic	ation inhibition
Simva	statin:			
	y to fish	:	LC50 (Pimephales Exposure time: 96 Method: OECD Te	
	y to daphnia and other c invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	



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Toxic plant	city to algae/aquatic s	:	EC50 (Pseudokiro mg/l Exposure time: 96	chneriella subcapitata (green algae)): > 25 S h
			NOEC (Pseudokin mg/l Exposure time: 96	rchneriella subcapitata (green algae)): 25 Sh
Toxic	city to microorganisms	:	EC50: > 30 mg/l Exposure time: 3 Test Type: Respir Method: OECD Te	ation inhibition
			NOEC: 21 mg/l Exposure time: 3 Test Type: Respir Method: OECD To	ation inhibition
Mag	nesium stearate:			
-	city to fish	:	Exposure time: 48 Method: DIN 384	
	city to daphnia and other tic invertebrates	:	Exposure time: 47 Test substance: V Method: Directive	Vater Accommodated Fraction 67/548/EEC, Annex V, C.2. on data from similar materials
Toxic plant	city to algae/aquatic ts	:	mg/l Exposure time: 72 Test substance: V Method: OECD Te	Vater Accommodated Fraction est Guideline 201 on data from similar materials
			mg/l Exposure time: 72 Test substance: V Method: OECD To	Vater Accommodated Fraction
Τοχία	city to microorganisms	:	Exposure time: 16 Test substance: V	nas putida): > 100 mg/l 5 h Vater Accommodated Fraction on data from similar materials



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Persi	stence and degradabi	lity		
Comp	oonents:			
Cellu	lose:			
Biode	gradability	:	Result: Readily	/ biodegradable.
Ezetir	mibe:			
Biode	gradability	:	Result: Not rea Biodegradatior Exposure time	
Stabil	ity in water	:	J · · J · · · ·	%(4.5 d) ) Test Guideline 111
Simva	astatin:			
Biode	gradability	:	Result: rapidly	degradable
Stabil	ity in water	:	Hydrolysis: 50	%(3.2 d)
Magn	esium stearate:			
Biode	gradability	:		degradable. ed on data from similar materials
Bioad	cumulative potential			
<u>Comp</u>	oonents:			
Ezetir	mibe:			
Bioac	cumulation	:	Bioconcentrati Exposure time	mis macrochirus (Bluegill sunfish) on factor (BCF): 173 : 97 d ) Test Guideline 305
	on coefficient: n- ol/water	:	log Pow: 4.36	
Simva	astatin:			
	on coefficient: n- ol/water	:	log Pow: > 4.0	7
Magn	esium stearate:			
Partiti	on coefficient: n- ol/water	:	log Pow: > 4	
Mobil	lity in soil			
<u>Comp</u>	oonents:			
Ezetir	mibe:			
Distrib	oution among environ-	:	log Koc: 4.35	



ersion .4	Revision Date: 16.10.2020		OS Number: 128-00016	Date of last issue: 23.03.2020 Date of first issue: 04.11.2014
Other	adverse effects			
	ta available			
ECTION '	13. DISPOSAL CONSI	DEF		
-	sal methods			
	from residues minated packaging	:	Empty contain handling site for	accordance with local regulations. ers should be taken to an approved waste or recycling or disposal. e specified: Dispose of as unused product.
	14. TRANSPORT INFO	RM	ATION	
Intern	ational Regulations			
UNRT	DG			
UN nu	mber	:	UN 3077	
Prope	r shipping name	:	ENVIRONMEN N.O.S.	NTALLY HAZARDOUS SUBSTANCE, SOLID
			(Ezetimibe, Si	mvastatin)
Class		:	9	
	ng group	:		
Labels	5	:	9	
ΙΑΤΑ-	DGR			
UN/ID		:	UN 3077	
Prope	r shipping name	:	Environmental (Ezetimibe, Si	ly hazardous substance, solid, n.o.s. imvastatin)
Class		:	9	
	ng group	:		
Labels		÷	Miscellaneous	
	ng instruction (cargo		956	
aircraf Packir	ig instruction (passen-		956	
ger air		•	000	
	nmentally hazardous	:	yes	
IMDG-	-			
UN nu			UN 3077	
	r shipping name	÷		NTALLY HAZARDOUS SUBSTANCE, SOLID
		-	N.O.S.	······································
			(Ezetimibe, Sir	mvastatin)
Class		:	9	
	ng group	:	III	
Labels		:	9	
EmS (		÷	F-A, S-F	
	e pollutant		yes	
	port in bulk according pplicable for product as	-		RPOL 73/78 and the IBC Code
	stic regulation	•	-	
NOM-	002-SCT			
UN nu		:	UN 3077	
	r shipping name	:		NTALLY HAZARDOUS SUBSTANCE, SOLID



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Class Packi Label	ng group	:	N.O.S. (Ezetimibe, S 9 III 9	imvastatin)
Speci	ial precautions for u	ser		
	•	· / ·		e for informational purposes only, and solely aterial as it is described within this Safety Data

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:

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

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

#### Full text of other abbreviations

ACGIH NOM-010-STPS-2014	:	USA. ACGIH Threshold Limit Values (TLV) Mexico. Norm NOM-010-STPS-2014 on Chemicals Polluting the Work Environment - Identification, Assessment and Con- trol - Appendix 1 Occupational Exposure Limits
ACGIH / TWA NOM-010-STPS-2014 / VLE- PPT		8-hour, time-weighted average Time weighted average limit value

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 Or-



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ganisation 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; 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 Agen- cy, http://echa.europa.eu/
Revision Date	:	16.10.2020

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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