

/ersion .2	Revision Date: 06.04.2024	-	S Number: 503-00022	Date of last issue: 29.09.2023 Date of first issue: 29.10.2014
ection 1:	Identification			
Produ	ct identifier	:	Ezetimibe / Ato	rvastatin Formulation
Recon	nmended use of the ch	nem	ical and restrict	ions on use
	nmended use ctions on use	-	Pharmaceutical Not applicable	I
Manuf	acturer or supplier's d	etai	ls	
Compa	any	:	Organon & Co.	
Addres	SS	:	30 Hudson Stre Jersey City, Ne	eet, 33nd floor w Jersey, U.S.A 07302
Teleph	none	:	+1-551-430-600	00
Emerg	ency telephone number	:	+1-215-631-699	99
E-mail	address	:	EHSSTEWARD	@organon.com
ection 2:	Hazard identification			
Classi	ification of the substar	ice	or mixture	
	ic target organ toxicity - ed exposure (Oral)	:	Category 2 (Liv	er, muscle)
Long-t hazarc	erm (chronic) aquatic 1	:	Category 2	
GHS L	abel elements, includi	ng	precautionarv s	tatements
	d pictograms	:		¥.

Signal word :	Warning
Hazard statements :	H373 May cause damage to organs (Liver, muscle) through prolonged or repeated exposure if swallowed. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements :	<b>Prevention:</b> P260 Do not breathe dust. P273 Avoid release to the environment.
	Response:



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P314 Get medical advice/ attention if you feel unwell. P391 Collect spillage.

#### Disposal:

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

#### Other hazards which do not result in classification

Dust contact with the eyes can lead to mechanical irritation. Contact with dust can cause mechanical irritation or drying of the skin. 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	>= 20 -< 30
Atorvastatin	134523-03-8	>= 10 -< 20
Ezetimibe	163222-33-1	>= 2.5 -< 10
Magnesium stearate	557-04-0	>= 1 -< 10

#### Section 4: First-aid measures

#### Description of necessary first-aid measures

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 if symptoms occur.
In case of skin contact	:	Wash with water and soap. Get medical attention if symptoms occur.
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 a	nd	effects, both acute and delayed
Risks	:	May cause damage to organs through prolonged or repeated exposure if swallowed.
		Contact with dust can cause mechanical irritation or drying of the skin.
Protection of first-aiders	:	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).



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	ation of any immediate	e me		and special treatment needed atically and supportively.
Section 5	: Fire-fighting measure	s		
	guishing media			
Suita	ble extinguishing media	:	Water spray Alcohol-resistar Carbon dioxide Dry chemical	
Unsu medi	itable extinguishing a	:	None known.	
Spec	ial hazards arising fror	n th	e substance or	mixture
Spec fightii	ific hazards during fire- ng	:	concentrations, potential dust e	g dust; fine dust dispersed in air in sufficient and in the presence of an ignition source is a xplosion hazard. mbustion products may be a hazard to health.
Haza ucts	rdous combustion prod-	:	Carbon oxides Nitrogen oxides Fluorine compo Metal oxides	
Spec	ial protective actions for	or f	re-fighters	
Spec for fir	ial protective equipment efighters ific extinguishing meth-		In the event of f Use personal p Use extinguishi cumstances and Use water spray	ire, wear self-contained breathing apparatus. rotective equipment. ng measures that are appropriate to local cir- d the surrounding environment. y to cool unopened containers. naged containers from fire area if it is safe to de
Seation 0				
Section 6	: Accidental release me	eas	ures	
	precautions, protective onal precautions	e eq :	Use personal p Follow safe har	nergency procedures rotective equipment. Indling advice (see section 7) and personal pro- ent recommendations (see section 8).
	nental precautions conmental precautions	:	Prevent further	o the environment. leakage or spillage if safe to do so. lose of contaminated wash water.

Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

### Methods and materials for containment and cleaning up

Methods for cleaning up	:	Sweep up or vacuum up spillage and collect in suitable con-
		tainer for disposal.



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		with compresse Dust deposits s es, as these ma leased into the Local or nationa posal of this ma employed in the mine which reg Sections 13 an	I of dust in the air (i.e., clearing dust surfaces ed air). should not be allowed to accumulate on surfac- ay form an explosive mixture if they are re- atmosphere in sufficient concentration. al regulations may apply to releases and dis- aterial, as well as those materials and items e cleanup of releases. You will need to deter- ulations are applicable. d 15 of this SDS provide information regarding national requirements.

### Section 7: Handling and storage

Precautions for safe handling	
Technical measures :	Static electricity may accumulate and ignite suspended dust causing an explosion. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
Local/Total ventilation : Advice on safe handling :	Use only with adequate ventilation. Do not breathe dust. Do not swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- sessment Minimize dust generation and accumulation. Keep container closed when not in use. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the
Hygiene measures :	<ul> <li>environment.</li> <li>If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.</li> <li>When using do not eat, drink or smoke.</li> <li>Wash contaminated clothing before re-use.</li> <li>The effective operation of a facility should include review of engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls.</li> </ul>
Conditions for safe storage, in	cluding any incompatibilities
Conditions for onfo storage	Kaap in properly labelled containers

Conditions for safe storage		Keep in properly labelled containers.
		Store in accordance with the particular national regulations.
Materials to avoid	:	Do not store with the following product types:
		Strong oxidizing agents



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#### Section 8: Exposure controls/personal protection

#### **Control parameters**

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Cellulose	9004-34-6	PEL (long term)	10 mg/m3	SG OEL
		TWA	10 mg/m3	ACGIH
Atorvastatin	134523-03-8	TWA	0.05 mg/m3 (OEB 3)	Internal
		Wipe limit	0.5 mg/100 cm <sup>2</sup>	Internal
Ezetimibe	163222-33-1	TWA	25 µg/m3 (OEB 3)	Internal
		Wipe limit	250 µg/100 cm <sup>2</sup>	Internal
Magnesium stearate	557-04-0	PEL (long term)	10 mg/m3	SG OEL
		TWA (Inhal- able particu- late matter)	10 mg/m3	ACGIH
		TWA (Res- pirable par- ticulate mat- ter)	3 mg/m3	ACGIH

Appropriate engineering control measures	:	All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Containment technologies suitable for controlling compounds are required to control at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face con- tainment devices). Minimize open handling.
Individual protection measure	es	, such as personal protective equipment (PPE)
Eye/face protection	:	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 protection	:	Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, dis- posable suits) to avoid exposed skin surfaces. Use appropriate degowning techniques to remove potentially contaminated clothing.
Respiratory protection	:	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec-



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		r type rotection	:	ommended guidel Particulates type	ines, use respiratory protection.			
	Material		:	Chemical-resistant gloves				
	Rem	narks	:	Consider double g	gloving.			
Sect	ion 9: F	Physical and chemica	l pr	operties				
	Appear	ance	:	powder				
	Colour		:	off-white				
	Odour		:	No data available	)			
	Odour <sup>-</sup>	Threshold	:	No data available	)			
	рН		:	No data available				
	Melting	point/freezing point	:	No data available				
	Initial b range	oiling point and boiling	:	No data available				
	Flash p	oint	:	Not applicable				
	Evapora	ation rate	:	No data available	)			
	Flamma	ability (solid, gas)	:	May form explosi dling or other me	ve dust-air mixture during processing, han- ans.			
	Flamma	ability (liquids)	:	No data available	)			
		explosion limit / Upper bility limit	:	No data available				
		explosion limit / Lower bility limit	:	No data available	)			
	Vapour	pressure	:	No data available	)			
	Relative	e vapour density	:	No data available	9			
	Relative	e density	:	No data available	)			
	Density		:	No data available	)			
	Solubili Wat	ty(ies) er solubility	:	0.01 g/l				
	Partition octanol	n coefficient: n- /water	:	No data available				



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Auto	-ignition temperature	:	No data available	e
Dec	omposition temperature	:	No data available	9
	osity ⁄iscosity, kinematic	:	No data available	e
Expl	osive properties	:	Not explosive	
	lizing properties ecular weight	:	The substance o	r mixture is not classified as oxidizing. e
	icle characteristics icle 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. May form explosive dust-air mixture during processing, han- dling or other means. Can react with strong oxidizing agents.
Conditions to avoid	:	Heat, flames and sparks. Avoid dust formation.
Incompatible materials Hazardous decomposition products	:	

#### Section 11: Toxicological information

Information on likely routes of exposure	Inhalation Skin contact Ingestion Eye contact	
Acute toxicity Not classified based on avail	lable	information.
Components:		
<b>Cellulose:</b> Acute oral toxicity	:	LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 5.8 mg/l Exposure time: 4 h

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

Test atmosphere: dust/mist



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Atorv	astatin:			
Acute	oral toxicity	:	LD50 (Rat, ma	le and female): > 5,000 mg/kg
			LD50 (Mouse,	male and female): > 5,000 mg/kg
Ezetir	nibe:			
Acute	oral toxicity	:	LD50 (Rat): >	5,000 mg/kg
			LD50 (Mouse)	: > 5,000 mg/kg
			LD50 (Dog): >	3,000 mg/kg
Acute	inhalation toxicity	:	Remarks: No	data available
Acute	dermal toxicity	:	Remarks: No	data available
	toxicity (other routes of istration)	:	LD50 (Rat): > Application Rc	2,000 mg/kg ute: Intraperitoneal
				: > 1,000 - < 2,000 mg/kg ute: Intraperitoneal
Magn	esium stearate:			
Acute	oral toxicity	:	Assessment: 7 icity	2,000 mg/kg D Test Guideline 423 The substance or mixture has no acute oral to ed on data from similar materials
Acute	dermal toxicity	:		: > 2,000 mg/kg ed on data from similar materials
	corrosion/irritation assified based on availa	ble	information.	
Comp	onents:			
Atorv	astatin:			
Specie Resul		:	Rabbit No skin irritatio	on
Ezetir	nibe:			
Specie Resul		:	Rabbit No skin irritatio	on
Magn	esium stearate:			
Specie		:	Rabbit	



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Resul Rema			n irritation on data fro	om similar materials
	us eye damage/eye assified based on ava		tion.	
Com	oonents:			
-	vastatin:			
Speci Resul Metho	es It	: Rabbit : No eye : Draize	e irritation	
Ezetii	mibe:			
Speci Resul		: Rabbit : No eye	e irritation	
Magn	esium stearate:			
Speci		: Rabbit		
Resul Rema			e irritation	om similar materials
I/GIII0	1185	. Daseu	Un uala in	
Resp	iratory or skin sensi	tisation		
	sensitisation assified based on ava	ailable informa	tion.	
-	iratory sensitisation assified based on ava		tion.	
Com	oonents:			
Atorv	vastatin:			
Test 7			isation Tes	st
	sure routes	: Skin co		
Speci Resul		: Guinea : negativ		
Ezetiı	mibe:			
Test 1		: Maxim	isation Tes	st
Speci Resul		: Guinea : negativ		
Magn	esium stearate:			
Test 1		: Maxim	isation Tes	st
Expos	sure routes	: Skin co	ontact	
Speci		: Guinea		alian 106
Metho		: OECD	Test Guid	eline 406

: negative

Result



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Rema	rks	: Ba	ised on data	a from similar materials
	cell mutagenicity assified based on av	ailable info	ormation.	
<u>Comp</u>	oonents:			
Cellu	ose:			
Genot	oxicity in vitro		est Type: Ba esult: negati	cterial reverse mutation assay (AMES) ve
			est Type: In esult: negati	vitro mammalian cell gene mutation test ve
Genot	oxicity in vivo	cy Sp Ap	togenetic as becies: Mous	se Dute: Ingestion
Atorv	astatin:			
Geno	oxicity in vitro	Те	••	verse mutation assay Salmonella typhimurium ve
		Te		verse mutation assay Escherichia coli ve
		Те		vitro mammalian cell gene mutation test Chinese hamster lung cells ve
		Те		ter chromatid exchange assay Chinese hamster lung cells ve
Genot	oxicity in vivo	Sp Ce Ap	est Type: In becies: Mouse ell type: Bon oplication Ro esult: negation	e marrow bute: Oral
Ezetir	nibe:			
Geno	oxicity in vitro	Me		cterial reverse mutation assay (AMES) vation: with and without metabolic activation ve
		Те		romosomal aberration Human lymphocytes ve



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Genot	toxicity in vivo	: Test Type: Mic Species: Mous Cell type: Bone Application Ro Result: negativ	e e marrow ute: Oral
Magn	esium stearate:		
-	toxicity in vitro	Result: negativ	vitro mammalian cell gene mutation test ve ed on data from similar materials
		Method: OECE Result: negativ	romosome aberration test in vitro D Test Guideline 473 /e ed on data from similar materials
		Test Type: Bad Result: negativ	cterial reverse mutation assay (AMES)
Not cl	<b>nogenicity</b> assified based on ava ponents:	Remarks: Base	ed on data from similar materials
Not cl Comp Cellul Specia Applic Expos	assified based on ava <u>conents:</u> lose: es es cation Route sure time	Remarks: Base ailable information. : Rat : Ingestion : 72 weeks	
Not cl Comp Cellul Specie Applic	assified based on ava <u>conents:</u> lose: es es cation Route sure time	Remarks: Base ailable information. : Rat : Ingestion	
Not cl Comp Cellul Specie Applic Expos Resul Atorv Specie Applic Expos NOAE LOAE Resul	assified based on ava <u>ponents:</u> lose: es cation Route sure time t astatin: es cation Route sure time EL L	Remarks: Base ailable information. : Rat : Ingestion : 72 weeks	ed on data from similar materials und female
Not cl. Comp Cellul Specie Applic Expos Resul Atorv Specie Applic Expos NOAE LOAE Resul Targe Specie Applic Expos LOAE	assified based on avaination and based on avaination a	Remarks: Base ailable information. : Rat : Ingestion : 72 weeks : negative : Mouse, male a : oral (gavage) : 2 Years : 200 mg/kg boo : 400 mg/kg boo : negative	ed on data from similar materials and female dy weight dy weight
Not cl. Comp Cellul Specie Applic Expos Resul Atorv Specie Applic Expos NOAE LOAE Resul Targe Specie Applic Expos LOAE	assified based on avaination of the second s	Remarks: Base ailable information. : Rat : Ingestion : 72 weeks : negative : Mouse, male a : oral (gavage) : 2 Years : 200 mg/kg boo : 400 mg/kg boo : negative : Liver : Rat, female : oral (gavage) : 2 Years : 100 mg/kg boo	ed on data from similar materials and female dy weight dy weight



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<b>F</b>	t <sup>1</sup>	404	
Expo Resu	sure time It	: 104 weeks : negative	
Spec Appli	ies cation Route	: Rat, male : oral (feed)	
	sure time	: 104 weeks : negative	
Spec Appli	ies cation Route	: Mouse : oral (feed)	
	sure time	: 104 weeks : negative	
Resu	n.	. negative	
-	oductive toxicity lassified based on ava	ilable information.	
	ponents:		
Cellu	llose:		
Effec	ts on fertility	Species: R	Route: Ingestion
Effec ment	ts on foetal develop-	Species: R	n Route: Ingestion
Atory	vastatin:		
Effec	ts on fertility	Species: R Fertility: No	Fertility/early embryonic development at, female DAEL: 225 mg/kg body weight effects on fertility
		Species: R Fertility: No	Fertility/early embryonic development at, male DAEL: 175 mg/kg body weight effects on fertility
Effec ment	ts on foetal develop-	Result: No	at, female ental Toxicity: NOAEL: 20 mg/kg body weight teratogenic effects, Embryo-foetal toxicity Maternal toxicity observed.
		Application Developme	abbit, female n Route: Oral ental Toxicity: NOAEL: 100 mg/kg body weight embryo-foetal toxicity
Ezoti	miho		

#### Ezetimibe:



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Effec	cts on fertility	Species: Rat, Fertility: NOA	ertility/early embryonic development male and female EL: > 1,000 mg/kg body weight fects on fertility, No fetotoxicity
Effec men	cts on foetal develop- t	Result: No ac Test Type: De Species: Rab Application R	oute: Oral al Toxicity: NOAEL: > 1,000 mg/kg body weight lverse effects evelopment bit oute: Oral al Toxicity: NOAEL: > 1,000 mg/kg body weight
-	nesium stearate: cts on fertility	reproduction/ Species: Rat Application R Method: OEC Result: negat	ombined repeated dose toxicity study with the developmental toxicity screening test oute: Ingestion D Test Guideline 422 ive sed on data from similar materials
Effeo men	cts on foetal develop- t	Species: Rat Application R Result: negat	nbryo-foetal development oute: Ingestion ive sed on data from similar materials

#### STOT - single exposure

Not classified based on available information.

#### STOT - repeated exposure

May cause damage to organs (Liver, muscle) through prolonged or repeated exposure if swallowed.

#### Components:

#### Atorvastatin:

Exposure routes Target Organs		Ingestion Liver. muscle
Assessment	:	May cause damage to organs through prolonged or repeated
		exposure.



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Repe	eated dose toxicity		
<u>Com</u>	ponents:		
Cellu	llose:		
		: Rat : >= 9,000 mg/k : Ingestion : 90 Days	g
Atory	vastatin:		
Expo		: Rat, male and : 70 mg/kg : oral (gavage) : 52 Weeks : Liver	female
Expo		: Dog : 10 mg/kg : oral (gavage) : 104 Weeks : Liver	
Ezeti	mibe:		
	EL cation Route sure time	: Dog : 1,000 mg/kg : Oral : 90 d : No significant :	adverse effects were reported
	EL cation Route sure time	: Rat : 1,500 mg/kg : Oral : 90 d : No significant :	adverse effects were reported
	EL cation Route sure time	: Mouse : 500 mg/kg : Oral : 90 d : No significant :	adverse effects were reported
	EL cation Route sure time	: Dog : 300 mg/kg : Oral : 1 yr : No significant :	adverse effects were reported
Mag	nesium stearate:		
way			



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NOAE		: > 100	
	cation Route	: Ingesti	
Rema	sure time arks	: 90 Day : Based	on data from similar materials
Aspir	ation toxicity		
Not c	assified based on ava	ilable informa	tion.
Com	oonents:		
Ezeti	mibe:		
	pplicable		
Com	rience with human e <u>conents:</u>	kposure	
Inges	r <b>astatin:</b> tion		oms: muscle pain, Fatigue, stomach discomfort, Ab
		domina	al pain, constipation, flatulence, liver function chang
	mibe:		
Inges	tion	lence,	oms: Headache, Nausea, Vomiting, Diarrhoea, flatu muscle pain, upper respiratory tract infection, Back pint pain
ction 1	2: Ecological informa	ation	
Toxic	ity		
Com	oonents:		
Cellu	lose:		

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>
Atorvastatin: Toxicity to fish	LC50 (Pimephales promelas (fathead minnow)): > 92 mg/l
	Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 200 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	EC50 (Pseudokirchneriella subcapitata (green algae)): 108 mg/l Exposure time: 72 h Method: OECD Test Guideline 201



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			NOEC (Pseudokir mg/l Exposure time: 72 Method: OECD Te	
Toxici icity)	ity to fish (Chronic tox-	:	NOEC (Pimephale Exposure time: 33 Method: OECD Te	
	ity to daphnia and other ic invertebrates (Chron- city)	:	NOEC (Daphnia r Exposure time: 21 Method: OECD Te	
Toxici	ity to microorganisms	:	EC50: > 1,000 mg Exposure time: 3 Test Type: Respir	h
Ezetir	miho			
	ity to fish	:	Exposure time: 96 Method: OECD Te	
	ity to daphnia and other ic invertebrates	:	Exposure time: 48 Method: OECD Te	
Toxici plants	ity to algae/aquatic	:	0.317 mg/l Exposure time: 96 Method: OECD Te	
			mg/l Exposure time: 96 Method: OECD Te	
Toxici icity)	ity to fish (Chronic tox-	:	NOEC (Pimephale Exposure time: 33 Method: OECD Te	
			Exposure time: 7	on variegatus (sheepshead minnow)): 4 mg/l d city at the limit of solubility
	ity to daphnia and other ic invertebrates (Chron- city)	:	Exposure time: 21	nagna (Water flea)): 0.282 mg/l d sity at the limit of solubility



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		or (Chronic aquatic	:	1	
	toxicity) Toxicity	to microorganisms	:	EC50: > 4.4 mg/l Exposure time: 3 Test Type: Respir Method: OECD Te Remarks: No toxic	ation inhibition
				NOEC: 4.4 mg/l Exposure time: 3 Test Type: Respir Method: OECD Te Remarks: No toxic	ation inhibition
	Magnes	sium stearate:			
	Toxicity	to fish	:	Exposure time: 48 Method: DIN 3841	
		to daphnia and other invertebrates	:	Exposure time: 47 Test substance: V Method: Directive	Vater Accommodated Fraction 67/548/EEC, Annex V, C.2. on data from similar materials
	Toxicity plants	to algae/aquatic	:	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 Te	Vater Accommodated Fraction
	Toxicity	to microorganisms	:	Exposure time: 16 Test substance: V	nas putida): > 100 mg/l 5 h Vater Accommodated Fraction on data from similar materials
	Persist	ence and degradabili	ity		
	Compo	nents:			

### Cellulose:



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Biode	gradability	:	Result: Readil	y biodegradable.
Atory	astatin:			
	gradability	:	Biodegradatio Exposure time	
Ezeti	mibe:			
Biode	gradability	:	Result: Not rea Biodegradatio Exposure time	
Stabil	ity in water	:	Hydrolysis: 50 Method: OECI	%(4.5 d) D Test Guideline 111
Magn	esium stearate:			
-	gradability	:		odegradable ed on data from similar materials
Bioad	cumulative potential			
	oonents:			
Atorv	astatin:			
	on coefficient: n- ol/water	:	log Pow: 1.62	
Ezeti	mibe:			
Bioac	cumulation	:	Bioconcentrati Exposure time	mis macrochirus (Bluegill sunfish) on factor (BCF): 173 :: 97 d D Test Guideline 305
	on coefficient: n- ol/water	:	log Pow: 4.36	
Partiti	esium stearate: on coefficient: n- ol/water	:	log Pow: > 4	
Mobil	lity in soil			
Com	oonents:			
Distrik	astatin: oution among environ- al compartments	:	log Koc: 2.84	
Ezeti	·	:	log Koc: 4.35	



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	tal compartments er adverse effects	Method	: OECD Test Guideline 106
	lata available		
Section	13: Disposal considerat	ions	
Disp	oosal methods		
Was	te from residues		dispose of waste into sewer. e of in accordance with local regulations.
Con	taminated packaging	: Empty o dling sit	containers should be taken to an approved waste han- e for recycling or disposal. herwise specified: Dispose of as unused product.
Section	14: Transport information	on	
Inte	rnational Regulations		
UNI	RTDG number proper shipping name	N.O.S.	7 DNMENTALLY HAZARDOUS SUBSTANCE, SOLID, nibe, Atorvastatin)
Pacl Labe	nsport hazard class(es) king group els ronmental hazards	: 9 : III : 9 : yes	
UN/ UN   Trar Pacl Labe		(Ezetim : 9 : III : Miscella	mentally hazardous substance, solid, n.o.s. nibe, Atorvastatin)
aircr Pacl ger a	king instruction (cargo aft) king instruction (passen- aircraft) ronmentally hazardous	: 956 : 956 : yes	
IMD UN 1	<b>G-Code</b> number per shipping name	: UN 307 : ENVIRC N.O.S.	7 DNMENTALLY HAZARDOUS SUBSTANCE, SOLID, ibe, Atorvastatin)
Pacl Labe EmS	nsport hazard class(es) king group els 5 Code ne pollutant	: 9 : III : 9 : F-A, S-F : yes	



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#### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

#### 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 specific for the product in question

Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.

Environmental Protection and Management Act and Environmental Protection and Management (Hazard- ous Substances) Regulations	:	Not applicable	
Fire Safety (Petroleum and Flammable Materials)	:	Not applicable	

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

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

#### **Section 16: Other information**

Regulations

Revision Date	:	06.04.2024
Further information		
Sources of key data used to compile the 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/
Date format	:	dd.mm.yyyy
Full text of other abbreviation	ns	
ACGIH SG OEL	:	USA. ACGIH Threshold Limit Values (TLV) Singapore. Workplace Safety and Health (General Provisions) Regulations - First Schedule Permissible Exposure Limits of Toxic Substances.
ACGIH / TWA SG OEL / PEL (long term)	:	8-hour, time-weighted average Permissible Exposure Level (PEL) Long Term



29.09.2023 29.10.2014

### Ezetimibe / Atorvastatin Formulation

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5.2	06.04.2024	26503-00022	Date of first issue.

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.

SG / EN