



Vers 6.1	sion	Revision Date: 28.09.2024		S Number: 01-00028	Date of last issue: 06.07.2024 Date of first issue: 17.03.2015
SEC	<b>TION 1</b> Produc	: IDENTIFICATION t name	:	Grazoprevir / Elb	asvir Formulation
	Manufa	acturer or supplier's d	letai	ls	
	Compa	ny	:	MSD	
	Addres	S	:	•	el 1/26 Talavera Rd NSW, Australia 2113
	Teleph	one	:	1 800 033 461	
	Emerge	ency telephone number	r:	Poisons Informat	ion Centre: Phone 13 11 26
	E-mail	address	:	EHSDATASTEW	/ARD@msd.com
	Recom	mended use of the ch mended use tions on use	nem : :	ical and restriction Pharmaceutical Not applicable	ons on use

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

#### **GHS Classification**

Not a hazardous substance or mixture.

### **GHS** label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

#### 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	< 10
Grazoprevir	1350462-55-3	< 10
Elbasvir	1370468-36-2	< 10
Magnesium stearate	557-04-0	< 10
Titanium dioxide	13463-67-7	< 1

#### **SECTION 4. FIRST AID MEASURES**



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G	Genera	al advice	:	vice immediately. When symptoms	ident or if you feel unwell, seek medical ad- persist or in all cases of doubt seek medical
If	f inhale	ed	:	advice. If inhaled, remove	
In case of skin contact		:	Get medical atten Wash with water a Get medical atten		
In case of eye contact		:	If in eyes, rinse w	ell with water.	
lf	If swallowed : If swallowed, DO NOT induce vom Get medical attention if symptoms Rinse mouth thoroughly with water		tion if symptoms occur.		
a d	and effe delayed	nportant symptoms ects, both acute and d ion of first-aiders	:	Contact with dust the skin. Dust contact with First Aid responde and use the recor	can cause mechanical irritation or drying of the eyes can lead to mechanical irritation. ers should pay attention to self-protection, nmended personal protective equipment I for exposure exists (see section 8).
N	Notes t	o physician	:	Treat symptomati	cally and supportively.
SECT	FION 5	. FIREFIGHTING MEA	SU	RES	
S	Suitabl	e extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical	
	Jnsuita nedia	able extinguishing	:	None known.	
	Specific ighting	c hazards during fire-	:	concentrations, and potential dust exp	dust; fine dust dispersed in air in sufficient nd in the presence of an ignition source is a losion hazard. oustion products may be a hazard to health.

Hazardous combustion prod- ucts	:	Carbon oxides Metal oxides Chlorine compounds Nitrogen oxides (NOx)
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 equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
Hazchem Code	:	2Z



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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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. 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	:	<ul> <li>Sweep up or vacuum up spillage and collect in suitable container for disposal.</li> <li>Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).</li> <li>Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.</li> <li>Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.</li> <li>Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.</li> </ul>

## SECTION 7. HANDLING AND STORAGE

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 environment.
Hygiene measures	:	If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke.



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	tions for safe storage als to avoid	The effective ope engineering cont appropriate dego industrial hygien use of administra : Keep in properly Store in accorda	labelled containers. nce with the particular national regulations. the following product types:

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of	Control parame- ters / Permissible	Basis
		exposure)	concentration	
Cellulose	9004-34-6	TWA	10 mg/m3	AU OEL
		TWA	10 mg/m3	ACGIH
Grazoprevir	1350462-55-	TWA	85 µg/m3 (OEB 3)	Internal
	3			
		Wipe limit	850 µg/100 cm <sup>2</sup>	Internal
Elbasvir	1370468-36-	TWA	150 µg/m3 (OEB	Internal
	2		2)	
Magnesium stearate	557-04-0	TWA	10 mg/m3	AU OEL
		TWA (Inhal-	10 mg/m3	ACGIH
		able particu-		
		late matter)		
		TWA (Res-	3 mg/m3	ACGIH
		pirable par-	-	
		ticulate mat-		
		ter)		
Titanium dioxide	13463-67-7	TWA	10 mg/m3	AU OEL

## Components with workplace control parameters

the compound to uncontrol at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face con- tainment devices). Minimize open handling.	Engineering measures	tainment devices).
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# Personal protective equipment Respiratory protection : If adequate local exhaust ventilation is not available or exposure sure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection. Filter type : Hand protection



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Material	: Chemical-re	sistant gloves	
Remarks Eye protection	: Wear safety If the work e mists or aero Wear a face	•	
Skin and body protec	ion : Work uniforr Additional be task being p posable suit Use appropri	bdy garments should be used based upon the erformed (e.g., sleevelets, apron, gauntlets, dis- s) to avoid exposed skin surfaces. riate degowning techniques to remove potentially	
Skin and body protec	potential for aerosols. ion : Work uniforr Additional be task being p posable suit Use appropr	<ul> <li>Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.</li> <li>Work uniform or laboratory coat.</li> <li>Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, di posable suits) to avoid exposed skin surfaces.</li> <li>Use appropriate degowning techniques to remove potentia contaminated clothing.</li> </ul>	

#### Appearance powder 1 Colour white 1 Odour No data available 2 **Odour Threshold** 2 No data available pН ÷ No data available Melting point/freezing point No data available 1 Initial boiling point and boiling No data available : range Flash point Not applicable 2 Evaporation rate 2 Not applicable Flammability (solid, gas) 1 May form explosive dust-air mixture during processing, handling or other means. Flammability (liquids) No data available 2 Upper explosion limit / Upper 2 No data available flammability limit Lower explosion limit / Lower : No data available flammability limit Vapour pressure Not applicable 1 Relative vapour density Not applicable 2 Relative density No data available 1



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Densi	ity	: No data avai	lable
Solub	vility(ies)		
	ater solubility	: No data avai	lable
	ion coefficient: n-	: Not applicab	le
	ol/water ignition temperature	: No data avai	lable
Deco	mposition temperature	: No data avai	lable
Visco Vis	sity scosity, kinematic	: Not applicab	le
Explo	sive properties	: Not explosive	e
Oxidiz	zing properties	: The substan	ce or mixture is not classified as oxidizing.
Partic	le characteristics		
Partic	le size	: No data avai	lable

### 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	:	Oxidizing agents
Hazardous decomposition products	:	

### SECTION 11. TOXICOLOGICAL INFORMATION

Exposure routes	: Inhalation Skin contact Ingestion
	Eye contact

## Acute toxicity

Not classified based on available information.

## **Components:**

#### Cellulose:

Acute oral toxicity

: LD50 (Rat): > 5,000 mg/kg

## SAFETY DATA SHEET



sion	Revision Date: 28.09.2024	SDS Number: 76201-00028	Date of last issue: 06.07.2024 Date of first issue: 17.03.2015
Acute	inhalation toxicity	: LC50 (Rat): Exposure tin Test atmosp	
Acute	dermal toxicity	: LD50 (Rabb	it): > 2,000 mg/kg
Grazo	previr:		
Acute	oral toxicity	: LD50 (Rat):	> 2,000 mg/kg
Elbasy	vir:		
Acute	oral toxicity	: LD50 (Rat):	> 2,000 mg/kg
		LD50 (Mous	e): > 1,000 mg/kg
Magne	esium stearate:		
Acute	oral toxicity	Assessment icity	> 2,000 mg/kg CD Test Guideline 423 : The substance or mixture has no acute oral to ased on data from similar materials
A	de une el terricite		
Acute	dermal toxicity		it): > 2,000 mg/kg ased on data from similar materials
Titaniu	um dioxide:		
Acute	oral toxicity	: LD50 (Rat):	> 5,000 mg/kg
Acute	inhalation toxicity		
	orrosion/irritation assified based on ava	ailable information.	
<u>Comp</u>	onents:		
	previr:		
Result		: No skin irrita	tion
Elbasy			
Specie Result		: reconstructe : No skin irrita	d human epidermis (RhE) tion
Magne	esium stearate:		
Specie		: Rabbit	



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		<b>N</b> I 11 1 1	
Resul Rema		: No skin irrita : Based on da	ation ata from similar materials
Titani	ium dioxide:		
Speci Resul		: Rabbit : No skin irrita	ation
	us eye damage/eye assified based on ava		
	oonents:		
Grazo	oprevir:		
Speci Resul	es	: Bovine corn : No eye irrita	
Elbas	svir:		
Speci Resul		: Bovine corn : No eye irrita	
Magn	esium stearate:		
Speci		: Rabbit	41a.a
Resul Rema		: No eye irrita : Based on da	ata from similar materials
Titani	ium dioxide:		
Speci Resul		: Rabbit : No eye irrita	tion
Been	iratory or skin sensi		
-	sensitisation	lisation	
	assified based on ava	ailable information.	
-	iratory sensitisation assified based on ava		
<u>Comp</u>	oonents:		
Grazo	oprevir:		
Test 7			node assay (LLNA)
Expos Resul	sure routes t	: Dermal : Not a skin s	ensitizer.
Elbas	svir:		
Test 7			node assay (LLNA)
Expos	sure routes es	: Dermal : Mouse	



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Resu	ılt	: neç	gative	
-	<b>nesium stearate:</b> Type	· Ma	ximisation	Tost
	i ype osure routes		n contact	1651
Spec			inea pig	
Meth				uideline 406
Resu Rem			gative sed on data	a from similar materials
Titar	nium dioxide:			
	Туре			ode assay (LLNA)
	sure routes		n contact	
Spec Resu			use gative	
		. 116	Jauve	
	onic toxicity			
	n cell mutagenicity classified based on ava	ailable infor	rmation.	
<u>Com</u>	ponents:			
Cellu	ulose:			
Geno	otoxicity in vitro		st Type: Ba sult: negati	cterial reverse mutation assay (AMES) ve
			st Type: In s sult: negati	vitro mammalian cell gene mutation test ve
Geno	otoxicity in vivo	cyte	st Type: Ma ogenetic as ecies: Mou	
		Ap		oute: Ingestion
Graz	oprevir:			
Geno	otoxicity in vitro		st Type: Ba sult: negati	cterial reverse mutation assay (AMES) ve
			st Type: Ch sult: negati	rromosome aberration test in vitro ve
Geno	otoxicity in vivo	Ар	st Type: In plication Ro sult: negati	
	n cell mutagenicity - essment		eight of evic I mutagen.	lence does not support classification as a germ



rsion	Revision Date: 28.09.2024		Number: I-00028	Date of last issue: 06.07.2024 Date of first issue: 17.03.2015
Elbas				
	toxicity in vitro		est Type: Ba esult: negati	cterial reverse mutation assay (AMES) ve
			est Type: Ch esult: negati	romosome aberration test in vitro ve
Geno	toxicity in vivo	SI Al	est Type: In pecies: Rat oplication Ro esult: negati	
	cell mutagenicity - ssment		eight of evic I mutagen.	lence does not support classification as a gerr
Magn	esium stearate:			
-	toxicity in vitro	R	esult: negati	vitro mammalian cell gene mutation test ve sed on data from similar materials
		M R	ethod: OEC	rromosome aberration test in vitro D Test Guideline 473 ve sed on data from similar materials
		R	esult: negati	icterial reverse mutation assay (AMES) ve sed on data from similar materials
Titani	ium dioxide:			
Geno	toxicity in vitro		est Type: Ba esult: negati	cterial reverse mutation assay (AMES) ve
Geno	toxicity in vivo	S	est Type: In pecies: Mous esult: negati	
Carci	nogenicity			
Not cl	assified based on av	ailable info	ormation.	
<u>Com</u>	oonents:			
Cellu	lose:			
Speci		: R		
	cation Route sure time		gestion 2 weeks	
Resul			egative	
Titani	ium dioxide:			
	es	: R		





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	t	2 Years 2 OECD Test 2 positive	ust/mist/fume) Guideline 453 ism or mode of action may not be relevant in hu-
Carcii ment	nogenicity - Assess-	: Limited evide animals.	ence of carcinogenicity in inhalation studies with
-	oductive toxicity assified based on avai	lable information.	
<u>Comp</u>	oonents:		
<b>Cellu</b> Effect	<b>lose:</b> is on fertility	Species: Rat	Route: Ingestion
Effect ment	s on foetal develop-	Species: Rat	Route: Ingestion
Grazo	oprevir:		
	s on fertility	: Test Type: F Species: Rat Application F Fertility: NO/ Result: nega	t Route: Oral AEL: 400 mg/kg body weight
		Species: Rat Application F Fertility: NO	
Effect ment	s on foetal develop-	Species: Rat Application F Embryo-foet	
		Species: Ral Application F Embryo-foet	



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		Species: Ra Application Embryo-foe	Embryo-foetal development abbit Route: Intravenous tal toxicity: NOAEL: 100 mg/kg body weight effects on foetal development
Elbasy	vir:		
Effects	s on fertility	Species: Ra Application Fertility: NC	Fertility/early embryonic development at, male and female Route: Oral DAEL: 1,000 mg/kg body weight effects on fertility
Effects ment	s on foetal develop-	Species: Ra Application Developme	Embryo-foetal development at Route: Oral ntal Toxicity: NOAEL: 1,000 mg/kg body weight effects on early embryonic development
		Species: Ra Application Developme	Embryo-foetal development abbit Route: Oral ntal Toxicity: NOAEL: 1,000 mg/kg body weight effects on early embryonic development
Magne	esium stearate:		
Effects	s on fertility	reproduction Species: Ra Application Method: OE Result: neg	Route: Ingestion CD Test Guideline 422
Effects ment	s on foetal develop-	Species: Ra Application Result: neg	Route: Ingestion
	- single exposure assified based on avai	lable information.	
	- repeated exposure assified based on avai		
	onents:		
•	previr:		
Grazo	Organs	: Liver, Testis	



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		exposure.	
Dono	atad daga taxiaity		
-	ated dose toxicity ponents:		
	llose:		
Spec NOAI Appli	ies	: Rat : >= 9,000 mg/k : Ingestion : 90 Days	g
Graz	oprevir:		
Spec NOAI Appli	ies EL cation Route sure time	: Rat : 400 mg/kg : Oral : 30 Days : No significant a	adverse effects were reported
	EL cation Route sure time	: Rat : 400 mg/kg : Oral : 180 Days : No significant a	adverse effects were reported
Expo	EL	: Dog : 15 mg/kg : 100 mg/kg : Oral : 270 Days : Liver, Blood, B	one marrow, gallbladder, spleen, Testis
Expo	EL	: Mouse : 200 mg/kg : 500 mg/kg : Oral : 90 Days : Liver, Kidney,	Blood
Expo	EL	: Dog : 20 mg/kg : 600 mg/kg : Oral : 30 Days : Blood, Testis	
Spec NOAI Expo Rema	EL sure time	: Monkey : 10 mg/kg : 8 Days : No significant a	adverse effects were reported



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Expos Rema Speci	es EL cation Route sure time arks es	: Dog	t adverse effects were reported
	cation Route sure time	: 1,000 mg/kg : Oral : 270 d : No significan	t adverse effects were reported
Speci NOAE Applic	EL cation Route sure time	: Rat : > 100 mg/kg : Ingestion : 90 Days : Based on da	ta from similar materials
Speci NOAE Applic		: Rat : 24,000 mg/k : Ingestion : 28 Days	g
		: Rat : 10 mg/m3 : inhalation (de : 2 yr	ust/mist/fume)
-	ation toxicity assified based on ava	ilable information.	
-	rience with human e	xposure	
	oonents:		
Ingest		: Symptoms: H	leadache, Gastrointestinal disturbance
Elbas Ingest		Fatigue, mus	Headache, Abdominal pain, constipation, Nause scle pain, joint pain, Dizziness, Cough, Skin irrita Drowsiness, nasal congestion



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## SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity		
Components:		
Cellulose:		
Toxicity to fish	:	LC50 (Oryzias latipes (Japanese medaka)): > 100 mg/l Exposure time: 48 h Remarks: Based on data from similar materials
Grazoprevir:		
Toxicity to fish	:	LC50 (Cyprinodon variegatus (sheepshead minnow)): > 10 mg/l Exposure time: 96 h Remarks: No toxicity at the limit of solubility
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 10 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 Remarks: No toxicity at the limit of solubility
		LC50 (Americamysis): 8.9 mg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): > 10 mg/l Exposure time: 72 hrs Method: OECD Test Guideline 201 Remarks: No toxicity at the limit of solubility
		NOEC (Pseudokirchneriella subcapitata (green algae)): 10 mg/l Exposure time: 72 hrs Method: OECD Test Guideline 201 Remarks: No toxicity at the limit of solubility
Toxicity to fish (Chronic tox- icity)	:	NOEC (Pimephales promelas (fathead minnow)): 0.98 mg/l Exposure time: 32 d Method: OECD Test Guideline 210 Remarks: No toxicity at the limit of solubility
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	NOEC (Daphnia magna (Water flea)): 5 mg/l Exposure time: 21 d Method: OECD Test Guideline 211
Toxicity to microorganisms	:	EC50: > 1,000 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 209



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				NOEC: 1.3 mg/l Exposure time: 3 Test Type: Respir Method: OECD To	ation inhibition
F	Ibasvi	ir-			
	Toxicity to fish		:	Exposure time: 96 Method: OECD To	
				Exposure time: 96	eryllina (Silverside)): > 10 mg/l 5 h city at the limit of solubility
		to daphnia and other invertebrates	:	Exposure time: 48 Method: OECD Te	
	oxicity lants	to algae/aquatic	:	Exposure time: 72 Method: OECD Te	
				mg/l Exposure time: 72 Method: OECD To	
	oxicity ity)	to fish (Chronic tox-	:	NOEC (Pimephale Exposure time: 32 Method: OECD Te	
a		to daphnia and other invertebrates (Chron- ty)	:	Exposure time: 21 Method: OECD To	
Τ	oxicity	to microorganisms	:	EC50: > 1,000 mg Exposure time: 3 Test Type: Respir Method: OECD Te	h ration inhibition
				NOEC: 271.9 mg/ Exposure time: 3	



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			Test Type: Respir Method: OECD T		
	<b>Magnesium stearate:</b> Toxicity to fish		<ul> <li>LC50 (Leuciscus idus (Golden orfe)): &gt; 100 mg/l Exposure time: 48 h Method: DIN 38412 Remarks: Based on data from similar materials</li> </ul>		
	Toxicity to daphnia and other aquatic invertebrates		EL50 (Daphnia magna (Water flea)): > 1 mg/l Exposure time: 47 h Test substance: Water Accommodated Fraction Method: Directive 67/548/EEC, Annex V, C.2. Remarks: Based on data from similar materials No toxicity at the limit of solubility		
	xicity to algae/aquatic ints	:	mg/l Exposure time: 72 Test substance: V Method: OECD T	Vater Accommodated Fraction est Guideline 201 on data from similar materials	
			mg/l Exposure time: 72 Test substance: V Method: OECD T	Vater Accommodated Fraction	
То	xicity to microorganisms	:	Exposure time: 16 Test substance: V	nas putida): > 100 mg/l 5 h Vater Accommodated Fraction on data from similar materials	
Tit	anium dioxide:				
	xicity to fish	:	LC50 (Oncorhync Exposure time: 96 Method: OECD T		
	xicity to daphnia and other uatic invertebrates	:	EC50 (Daphnia m Exposure time: 48	hagna (Water flea)): > 100 mg/l 3 h	
	xicity to algae/aquatic ints	:	EC50 (Skeletoner Exposure time: 72	ma costatum (marine diatom)): > 10,000 mg/l 2 h	
To	xicity to microorganisms	:	EC50: > 1,000 m Exposure time: 3 Method: OECD T	h	



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Pers	istence and degradal	bility		
<u>Com</u>	ponents:			
Cellu	llose:			
Biode	egradability	:	Result: Readil	y biodegradable.
Graz	oprevir:			
Biode	egradability	:	Result: Not rea Biodegradatio Exposure time	
Elba	svir:			
Biode	egradability	:	Result: Not rea Biodegradatio Exposure time	
Magi	nesium stearate:			
-	egradability	:	Result: Not bio Remarks: Bas	odegradable ed on data from similar materials
Bioa	ccumulative potentia	ıl		
<u>Com</u>	ponents:			
Graz	oprevir:			
	ccumulation	:		mis macrochirus (Bluegill sunfish) on factor (BCF): 7.62
	tion coefficient: n- nol/water	:	log Pow: 3.72	
Elba	svir:			
Bioad	ccumulation	:	Bioconcentrati	mis macrochirus (Bluegill sunfish) ion factor (BCF): 82 D Test Guideline 305
	tion coefficient: n- nol/water	:	log Pow: 6.54	
Magı	nesium stearate:			
	tion coefficient: n- nol/water	:	log Pow: > 4	
Mobi	ility in soil			
<u>Com</u>	ponents:			
Graz	oprevir:			
Distri	bution among environ- al compartments	- :	log Koc: 4.01	

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Elbas	svir:			
	oution among environ- al compartments	:	log Koc: 5.24	
Other	adverse effects			
No da	ta available			
CTION	13. DISPOSAL CONSI	DER	ATIONS	
-	osal methods			
Waste	e from residues	:		of waste into sewer. ccordance with local regulations.
Conta	minated packaging	:	Empty contained dling site for real	ers should be taken to an approved waste ha cycling or disposal. specified: Dispose of as unused product.
CTION	14. TRANSPORT INFO	RM		· · ·
Interr	national Regulations			
UNRT	ſDG			
	umber	:	UN 3077	
Prope	er shipping name	:		TALLY HAZARDOUS SUBSTANCE, SOLIE
			N.O.S.	
			(Elbasvir)	
Class		:	9	
Packi	ng group	:	9 	
Packi Label	ng group s	:	9     9	
Packi Label Enviro	ng group s onmentally hazardous	:	9 	
Packi Label Enviro	ng group s onmentally hazardous • <b>DGR</b>	:	9 III 9 yes	
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Packi Label Enviro IATA- UN/ID Prope Class Packi Label Packi aircra Packi ger ai Enviro	ng group s onmentally hazardous •DGR 0 No. er shipping name ng group s ng instruction (cargo ft) ng instruction (passen- rcraft) onmentally hazardous •-Code		9 III 9 yes UN 3077 Environmentall (Elbasvir) 9 III Miscellaneous 956 956 yes	y hazardous substance, solid, n.o.s.
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6.1	28.09.2024	76201-00028	Date of first issue: 17.03.2015

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

Not applicable for product as supplied.

#### **National Regulations**

ADG		
UN number	:	UN 3077
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Elbasvir)
Class	:	9
Packing group	:	
Labels	:	9
Hazchem Code	:	2Z
Environmentally hazardous	:	yes

#### Special precautions for user

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

## SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mix- ture			
Therapeutic Goods (Poisons : Standard) Instrument		the original publication to check for onditions or threshold limits that might	
Prohibition/Licensing Requirement	nts :	There is no applicable prohibition, authorisation and restricted use requirements, including for carcino- gens referred to in Schedule 10 of the model WHS Act and Regula- tions.	
The components of this product are reported in the following inventories:			
AICS :	not determined		

DSL	:	not determined

IECSC	:	not determined
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### SECTION 16: ANY OTHER RELEVANT INFORMATION

Further information		
Revision Date Sources of key data used to compile the Safety Data Sheet	-	28.09.2024 Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/



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6.1		76201-00028	Date of first issue: 17.03.2015

Date format	:	dd.mm.yyyy			
Full text of other abbreviations					
ACGIH AU OEL		USA. ACGIH Threshold Limit Values (TLV) Australia. Workplace Exposure Standards for Airborne Con- taminants.			
ACGIH / TWA AU OEL / TWA		8-hour, time-weighted average Exposure standard - time weighted average			

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless 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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