Version



Date of last issue: 24.01.2024

# **Aprepitant Formulation**

Revision Date:

4.3	06.04.2024		317-00027	Date of first issue: 09.10.2014
Sectio	n 1: Identification			
	oduct identifier	:	Aprepitant Form	ulation
R	ecommended use of the cl	hom	ical and restrictiv	
Re	ecommended use of the cl estrictions on use	:	Pharmaceutical Not applicable	
M	anufacturer or supplier's c	leta	ils	
Co	ompany	:	MSD	
Ad	ddress	:	50 Tuas West Di Singapore - Sing	
T€	elephone	:	+1-908-740-400	)
Er	mergency telephone number	r:	65 6697 2111 (2	4/7/365)
E-	mail address	:	EHSDATASTEW	/ARD@msd.com
Sectio	n 2: Hazard identification			
CI	assification of the substar	nce	or mixture	
Sp	pecific target organ toxicity - peated exposure (Oral)			state, Testis)
	ong-term (chronic) aquatic azard	:	Category 1	
G	HS Label elements, includ	ing	precautionary sta	atements
Ha	azard pictograms	:		¥_2
Si	gnal word	:	Warning	V
Ha	azard statements	:	prolonged or rep	e damage to organs (Prostate, Testis) through eated exposure if swallowed. to aquatic life with long lasting effects.
Pr	ecautionary statements	:	Prevention: P260 Do not bre P273 Avoid relea	athe dust. ase to the environment.

SDS Number:

#### **Response:**





Version	Revision Date:	SDS Number:	Date of last issue: 24.01.2024
4.3	06.04.2024	20617-00027	Date of first issue: 09.10.2014

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)
Aprepitant	170729-80-3	>= 30 -< 50
Sucrose	57-50-1	>= 30 -< 50
Cellulose	9004-34-6	>= 10 -< 20

## 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 anno of ava contact					
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	and 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.				
	Dust contact with the eyes can lead to mechanical irritation.				
Protection of first-aiders	: First Aid responders should pay attention to self-protection,				
	and use the recommended personal protective equipment				
	when the potential for exposure exists (see section 8).				
Indication of any immediate medical attention and special treatment needed					
indication of any initioalati					
Treatment	: Treat symptomatically and supportively.				



Version	Revision Date:	SDS Number:	Date of last issue: 24.01.2024
4.3	06.04.2024	20617-00027	Date of first issue: 09.10.2014

## Section 5: Fire-fighting measures

Extinguishing media	
Suitable extinguishing media :	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing : media	None known.
Special hazards arising from the	he substance or mixture
Specific hazards during fire- : fighting	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- : ucts	Carbon oxides Fluorine compounds Nitrogen oxides (NOx)
Special protective actions for	fire-fighters
Special protective equipment : for firefighters Specific extinguishing meth- : ods	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. 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

## Section 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures Personal precautions : Use personal protective equipment.

so.

Evacuate area.

	Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8).
Environmental precautions 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 containn Methods for cleaning up :	





Version 4.3	Revision Date: 06.04.2024	SDS Number: 20617-00027	Date of last issue: 24.01.2024 Date of first issue: 09.10.2014
		Local or nat posal of this employed in mine which Sections 13	he atmosphere in sufficient concentration. Ional regulations may apply to releases and dis- material, as well as those materials and items the cleanup of releases. You will need to deter- regulations are applicable. and 15 of this SDS provide information regarding or national requirements.
Section 7	: Handling and storage	9	
Preca	autions for safe handli	ng	
Tech	nical measures	causing an e Provide ade	city may accumulate and ignite suspended dust explosion. quate precautions, such as electrical grounding J, or inert atmospheres.
	/Total ventilation e on safe handling	<ul> <li>Use only wit</li> <li>Do not bread</li> <li>Do not swall</li> <li>Avoid contad</li> <li>Avoid prolor</li> <li>Handle in ad</li> <li>practice, base</li> <li>sessment</li> <li>Minimize du</li> <li>Keep contai</li> <li>Keep away</li> <li>Take precad</li> </ul>	h adequate ventilation. the dust. low. ct with eyes. nged or repeated contact with skin. ccordance with good industrial hygiene and safety sed on the results of the workplace exposure as- st generation and accumulation. ner closed when not in use. from heat and sources of ignition. utionary measures against static discharges. o prevent spills, waste and minimize release to the
Hygie	ene measures	: If exposure f flushing syst place. When using Wash conta The effective engineering appropriate industrial hy	to chemical is likely during typical use, provide eye tems and safety showers close to the working do not eat, drink or smoke. minated clothing before re-use. e operation of a facility should include review of controls, proper personal protective equipment, degowning and decontamination procedures, giene monitoring, medical surveillance and the histrative controls.
Conc	litions for safe storage	, including anv i	ncompatibilities
Cond	rials to avoid	: Keep in prop Store in acc	berly labelled containers. ordance with the particular national regulations.



Version	Revision Date:	SDS Number:	Date of last issue: 24.01.2024
4.3	06.04.2024	20617-00027	Date of first issue: 09.10.2014

#### 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
Aprepitant	170729-80-3	TWA	0.2 mg/m3 (OEB 2)	Internal
Sucrose	57-50-1	PEL (long term)	10 mg/m3	SG OEL
		TWA	10 mg/m3	ACGIH
Cellulose	9004-34-6	PEL (long term)	10 mg/m3	SG OEL
		TWA	10 mg/m3	ACGIH

Appropriate engineering control measures	Use feasible engineering controls to minimize exposure to compound. All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.	
Individual protection measur	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 condition 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.	
Respiratory protection	If adequate local exhaust ventilation is not available or exp sure assessment demonstrates exposures outside the rec ommended guidelines, use respiratory protection.	•
Filter type	Particulates type	
Hand protection		
Material	Chemical-resistant gloves	

## Section 9: Physical and chemical properties

Appearance	:	powder
Colour	:	coloured
Odour	:	odourless
Odour Threshold	:	No data available
рН	:	No data available



\_

Vers 4.3	sion	Revision Date: 06.04.2024		S Number: 17-00027	Date of last issue: 24.01.2024 Date of first issue: 09.10.2014
	Melting	point/freezing point	:	No data available	)
	Initial b range	oiling point and boiling	:	No data available	
	Flash p	point	:	No data available	9
	Evapor	ation rate	:	No data available	9
	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	9
		explosion limit / Upper bility limit	:	No data available	)
		explosion limit / Lower bility limit	:	No data available	3
	Vapour	pressure	:	No data available	)
	Relative	e vapour density	:	No data available	9
	Relative	e density	:	No data available	9
	Density	/	:	No data available	9
	Solubili Wat	ity(ies) er solubility	:	No data available	
	Partitio octanol	n coefficient: n-	:	No data available	9
		nition temperature	:	No data available	9
	Decom	position temperature	:	No data available	9
	Viscosi Visc	ty cosity, kinematic	:	No data available	)
	Explosi	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance o	r mixture is not classified as oxidizing.
	Molecu	lar weight	:	No data available	9
	Minimu	m ignition energy	:	< 3 mJ	
	Particle Particle	e characteristics e size	:	No data available	9



Version	Revision Date:	SDS Number:	Date of last issue: 24.01.2024
4.3	06.04.2024	20617-00027	Date of first issue: 09.10.2014

# 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	:	Oxidizing agents No hazardous decomposition products are known.

# Section 11: Toxicological information

Information on likely routes of	:	Inhalation
exposure		Skin contact
		Ingestion
		Eye contact

# Acute toxicity

Not classified based on available information.

## Components:

## Aprepitant:

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg
		LD50 (Mouse): > 2,000 mg/kg
Acute toxicity (other routes of administration)	:	LD50 (Rat): 800 - 2,000 mg/kg Application Route: Intraperitoneal
		LD50 (Mouse): > 2,000 mg/kg Application Route: Intraperitoneal
Sucrose:		
Acute oral toxicity	:	LD50 (Rat): 29,700 mg/kg
Cellulose:		
Acute oral toxicity	:	LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 5.8 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	:	LD50 (Rabbit): > 2,000 mg/kg



Version	Revision Date:	SDS Number:	Date of last issue: 24.01.2024
4.3	06.04.2024	20617-00027	Date of first issue: 09.10.2014

## Skin corrosion/irritation

Not classified based on available information.

## Components:

#### Aprepitant:

Species	:	Rabbit
Method	:	Draize Test
Result	:	No skin irritation

## Serious eye damage/eye irritation

Not classified based on available information.

### **Components:**

#### Aprepitant:

Species	:	Rabbit
Result	:	No eye irritation
Method	:	Draize Test

#### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

#### Respiratory sensitisation

Not classified based on available information.

#### Components:

#### Aprepitant:

Remarks

: No data available

### Germ cell mutagenicity

Not classified based on available information.

### **Components:**

## Aprepitant:

Genotoxicity in vitro

: Test Type: Ames test Result: negative

> Test Type: Chromosomal aberration Test system: Chinese hamster ovary cells Result: negative

Test Type: Alkaline elution assay Test system: rat hepatocytes Result: negative

Test Type: in vitro assay Test system: human lymphoblastoid cells



sion	Revision Date: 06.04.2024	SDS Number: 20617-00027	Date of last issue: 24.01.2024 Date of first issue: 09.10.2014
Geno	toxicity in vivo	Result: negati : Test Type: Mi Species: Mou Application Ro	cronucleus test se
		Result: negati	
Sucro	ose:		
Geno	toxicity in vitro	: Test Type: In Result: negati	vitro mammalian cell gene mutation test ve
Cellu	lose:		
Geno	toxicity in vitro	: Test Type: Ba Result: negati	cterial reverse mutation assay (AMES) ve
		Test Type: In Result: negati	vitro mammalian cell gene mutation test ve
Geno	toxicity in vivo	cytogenetic as Species: Mou	se Dute: Ingestion
Carci	nogenicity		
Not c	lassified based on av	ailable information	
_	lassified based on av ponents:	ailable information.	
Com		ailable information.	
Com Apre Speci	ponents: pitant: es	: Mouse, male	
Com Apre Speci Applie	oonents: pitant: les cation Route	: Mouse, male : Oral	
Com Apre Speci Applie	ponents: pitant: les cation Route sure time	: Mouse, male : Oral : 106 weeks	a body weight
Comp Aprej Speci Applio Expos Dose Resul	ponents: pitant: les cation Route sure time	: Mouse, male : Oral : 106 weeks : >=1000 mg/kg : positive	
Comp Aprej Speci Applio Expos Dose	ponents: pitant: les cation Route sure time	: Mouse, male : Oral : 106 weeks : >=1000 mg/kg : positive	g body weight sm or mode of action is not relevant in human
Com Apre Speci Applic Expos Dose Resul Rema	ponents: pitant: es cation Route sure time It arks	: Mouse, male : Oral : 106 weeks : >=1000 mg/kg : positive : The mechanis : Mouse, femal	sm or mode of action is not relevant in human
Comj Aprej Speci Applic Expos Dose Resul Rema Speci Applic	ponents: pitant: es cation Route sure time It arks es cation Route	: Mouse, male : Oral : 106 weeks : >=1000 mg/kg : positive : The mechanis : Mouse, femal : Oral	sm or mode of action is not relevant in human
Comj Aprej Speci Applic Expos Dose Resul Rema Speci Applic Expos	ponents: pitant: es cation Route sure time It arks es cation Route sure time	: Mouse, male : Oral : 106 weeks : >=1000 mg/kg : positive : The mechanis : Mouse, femal : Oral : 106 weeks	sm or mode of action is not relevant in human
Comj Aprej Speci Applic Expos Dose Resul Rema Speci Applic	ponents: pitant: les cation Route sure time lt arks les cation Route sure time	<ul> <li>Mouse, male</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;=1000 mg/kg</li> <li>positive</li> <li>The mechanis</li> <li>Mouse, femal</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;= 500 mg/kg</li> <li>positive</li> </ul>	sm or mode of action is not relevant in human e body weight
Com Aprel Speci Applic Expose Resul Rema Speci Applic Expose Dose	ponents: pitant: les cation Route sure time It arks les cation Route sure time	<ul> <li>Mouse, male</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;=1000 mg/kg</li> <li>positive</li> <li>The mechanis</li> <li>Mouse, femal</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;= 500 mg/kg</li> <li>positive</li> </ul>	sm or mode of action is not relevant in human e body weight
Comp Aprej Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema	ponents: pitant: les cation Route sure time It arks cation Route sure time It arks	<ul> <li>Mouse, male</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;=1000 mg/kg</li> <li>positive</li> <li>The mechanis</li> <li>Mouse, femal</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;= 500 mg/kg</li> <li>positive</li> <li>The mechanis</li> <li>Mouse</li> </ul>	sm or mode of action is not relevant in human e body weight
Comp Aprej Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic	ponents: pitant: es cation Route sure time It arks cation Route sure time It arks es cation Route	<ul> <li>Mouse, male</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;=1000 mg/kg</li> <li>positive</li> <li>The mechanis</li> <li>Mouse, femal</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;= 500 mg/kg</li> <li>positive</li> <li>The mechanis</li> <li>Mouse</li> <li>Coral</li> <li>Oral</li> </ul>	sm or mode of action is not relevant in human e body weight
Com Aprej Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos	ponents: pitant: les cation Route sure time It arks cation Route sure time It arks	<ul> <li>Mouse, male</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;=1000 mg/kg</li> <li>positive</li> <li>The mechanis</li> <li>Mouse, female</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;= 500 mg/kg</li> <li>positive</li> <li>The mechanis</li> <li>Mouse</li> <li>coral</li> <licoral< li=""> <li>coral</li> <li>coral</li> <li>coral</li> <licoral< td=""><td>sm or mode of action is not relevant in human e body weight sm or mode of action is not relevant in human</td></licoral<></licoral<></ul>	sm or mode of action is not relevant in human e body weight sm or mode of action is not relevant in human
Comp Aprej Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic	ponents: pitant: les cation Route sure time lt arks cation Route sure time lt arks es cation Route sure time	<ul> <li>Mouse, male</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;=1000 mg/kg</li> <li>positive</li> <li>The mechanis</li> <li>Mouse, femal</li> <li>Oral</li> <li>106 weeks</li> <li>&gt;= 500 mg/kg</li> <li>positive</li> <li>The mechanis</li> <li>Mouse</li> <li>Coral</li> <li>Oral</li> </ul>	sm or mode of action is not relevant in human e body weight sm or mode of action is not relevant in human



# **Aprepitant Formulation**

rsion B	Revision Date: 06.04.2024	-	S Number: 17-00027	Date of last issue: 24.01.2024 Date of first issue: 09.10.2014
Cellul	ose:			
	ation Route ure time	:	Rat Ingestion 72 weeks negative	
-	ductive toxicity			
	assified based on ava	ailable i	nformation.	
<u>Comp</u>	onents:			
Aprep				
Effects	s on fertility			male and female EL: 2,000 mg/kg body weight
Effects ment	s on foetal develop-			
				bit
Cellul	ose:			
	s on fertility		Test Type: On Species: Rat Application Rc Result: negativ	
Effects ment	s on foetal develop-		Test Type: Fe Species: Rat Application Rc Result: negation	

Not classified based on available information.

#### STOT - repeated exposure

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

## Components:

### Aprepitant:

Target Organs

: Prostate, Testis



sion	Revision Date: 06.04.2024	SDS Number: 20617-00027	Date of last issue: 24.01.2024 Date of first issue: 09.10.2014
Asses	ssment	: May cause da exposure.	amage to organs through prolonged or repeate
Repe	ated dose toxicity		
<u>Comp</u>	oonents:		
Aprep	pitant:		
Speci	es	: Dog	
LOAE		: >= 50 mg/kg	
	cation Route	: Oral	
	sure time	: 39 Weeks	
Targe	t Organs	: Prostate, Tes	stis
Speci	es	: Rat	
NOAE	EL	: 125 mg/kg	
	cation Route	: Oral	
	sure time	: 27 Weeks	
Targe	t Organs	: Liver, Thyroid	3
Speci		: Monkey	
NOAE		: 0.240 mg/kg	
	cation Route	: Intravenous	
	sure time	: 7 d	
Rema	irks	: No significan	t adverse effects were reported
Speci	es	: Rat, female	
LOAE		: 125 mg/kg	
	cation Route	: Oral	
	sure time	: 106 Weeks	
Targe	t Organs	: Kidney	
Cellul	lose:		
Speci	es	: Rat	
NOAE		: >= 9,000 mg/	/kg
	ation Route	: Ingestion	-
	sure time	: 90 Days	
Asnir	ation toxicity		
-	assified based on ava	ailable information.	
Expe	rience with human e	exposure	
Comp	oonents:		
	pitant:		
Ingest		· Symptome -	leadache, Fatigue, hiccups, constipation, anor
ingeoi			ion change, Rash, Nausea, Diarrhoea, hypoter



4.3 06.04.2024 20617-00027 Date of first issue: 09.10.2014	Version	Revision Date:	SDS Number:	Date of last issue: 24.01.2024	
	4.3	06.04.2024	20617-00027	Date of first issue: 09.10.2014	

# Section 12: Ecological information

Toxicity			
Components:			
Aprepitant:			
Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): > 0.462 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 Remarks: No toxicity at the limit of solubility	
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 0.345 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 Remarks: No toxicity at the limit of solubility	
Toxicity to algae/aquatic plants	:	NOEC (Pseudokirchneriella subcapitata (green algae)): 0.184 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: No toxicity at the limit of solubility	
		EC50 (Pseudokirchneriella subcapitata (green algae)): > 0.184 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: No toxicity at the limit of solubility	
Toxicity to fish (Chronic tox- icity)	:	NOEC (Pimephales promelas (fathead minnow)): 0.195 mg/l Exposure time: 32 d Method: OECD Test Guideline 210	
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	NOEC (Daphnia magna (Water flea)): 0.018 mg/l Exposure time: 21 d Method: OECD Test Guideline 211	
M-Factor (Chronic aquatic	:	1	
toxicity) Toxicity to microorganisms		EC50: > 100 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 209 Remarks: No toxicity at the limit of solubility	
<b>Cellulose:</b> Toxicity to fish	:	LC50 (Oryzias latipes (Japanese medaka)): > 100 mg/l Exposure time: 48 h Remarks: Based on data from similar materials	



ersion .3	Revision Date: 06.04.2024		DS Number: 0617-00027	Date of last issue: 24.01.2024 Date of first issue: 09.10.2014
Persi	stence and degradabi	lity		
Com	ponents:			
Apre	pitant:			
Biode	gradability	:	Biodegradation Exposure time	
Cellu	lose:			
Biode	egradability	:	Result: Readily	/ biodegradable.
Bioad	ccumulative potential			
Com	ponents:			
Apre	pitant:			
Bioac	cumulation	:	Bioconcentrati	mis macrochirus (Bluegill sunfish) on factor (BCF): 50.1 ) Test Guideline 305
	ion coefficient: n- ol/water	:	log Pow: 4.75	
Sucro	ose:			
	ion coefficient: n- ol/water	:	Pow: < 1	
Mobi	lity in soil			
<u>Com</u>	ponents:			
Apre	pitant:			
Distri	bution among environ- al compartments	:	log Koc: 3.10	
	r adverse effects ata available			
ection 1	3: Disposal considera	tion	S	
•	osal methods e from residues		Do not dispose	e of waste into sewer.

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

Section 14: Transport information

## International Regulations



Version 4.3	Revision Date: 06.04.2024		lumber: -00027	Date of last issue: 24.01.2024 Date of first issue: 09.10.2014
UNR	TDG			
UN number UN proper shipping name		: EN N.(	I 3077 IVIRONMENTA D.S. prepitant)	ALLY HAZARDOUS SUBSTANCE, SOLID,
Packi Label	sport hazard class(es) ng group s onmental hazards	: 9 : III : 9 : ye		
UN/IE	<b>-DGR</b> O No. roper shipping name	: En	l 3077 vironmentally h prepitant)	azardous substance, solid, n.o.s.
Packi Label	ng instruction (cargo	: 9 : III	scellaneous	
Packi ger ai	ing instruction (passen- ircraft) onmentally hazardous	: 95	-	
<b>IMDG</b> UN n	G-Code umber er shipping name	: EN N.(	1 3077	ALLY HAZARDOUS SUBSTANCE, SOLID,
Packi Label EmS	sport hazard class(es) ng group s Code ne pollutant	: 9 : III : 9	A, S-F	

### 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 : Not applicable

Environmental Protection and Management Act and Environmental Protection and Management (Hazardous Substances) Regulations

14 / 16





Version 4.3	Revision Date: 06.04.2024		OS Number: 617-00027	Date of last issue: 24.01.2024 Date of first issue: 09.10.2014		
	Safety (Petroleum and F llations	lamı	mable Materials)	: Not applicable		
The of AICS		oduo	ct are reported in the not determined	the following inventories:		
AICS		·	not determined			
DSL		:	not determined			
IECS	C	:	not determined			
Section 1	6: Other information					
Revis	sion Date	:	06.04.2024			
Furth	ner information					
	ces of key data used to bile the Safety Data t	:	<ul> <li>Internal technical data, data from raw material SDSs, OEC eChem Portal search results and European Chemicals Ag cy, http://echa.europa.eu/</li> </ul>			
Date	format	:	dd.mm.yyyy			
Full t	Full text of other abbreviations					
ACG SG C		:	Singapore. Work	eshold Limit Values (TLV) blace Safety and Health (General Provisions) at Schedule Permissible Exposure Limits of S.		
	IH / TWA DEL / PEL (long term)	:	8-hour, time-weig Permissible Expo	hted average sure Level (PEL) Long Term		
				s; ANTT - National Agency for Transport by esting of Materials; bw - Body weight; CMR -		

and 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 Develop-



# **Aprepitant Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 24.01.2024
4.3	06.04.2024	20617-00027	Date of first issue: 09.10.2014

ment; 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