Version

7.2



Date of last issue: 26.09.2023

Date of first issue: 09.10.2014

# **Aprepitant Formulation**

Revision Date:

24.01.2024

SDS Number:

20614-00026

ection 1: Identification			
Product name	:	Aprepitant Formulation	
<b>Manufacturer or supplier's d</b> e Company	etai :	ils MSD	
Address	:	33 Whakatiki Street - Private Ba Upper Hutt - New Zealand	g 908
Telephone	:	0800 800 543	
Emergency telephone number	:	0800 764 766 (0800 POISON) CHEMCALL)	0800 243 622 (0800
E-mail address	:	EHSDATASTEWARD@msd.cor	n
Recommended use of the ch	em	ical and restrictions on use	
Recommended use Restrictions on use	:	Pharmaceutical Not applicable	
GHS Classification Specific target organ toxicity -	:	Category 2 (Prostate, Testis)	
GHS Classification			
repeated exposure (Oral) Hazardous to the aquatic		Category 1	
environment - chronic hazard	•	Calegory	
GHS label elements			
Hazard pictograms	:		
Signal word	:	Warning	
Hazard statements	:	H373 May cause damage to org prolonged or repeated exposure H410 Very toxic to aquatic life w	if swallowed.
Precautionary statements	:	<b>Prevention:</b> P273 Avoid release to the enviro	onment.
		Response:	
		1/16	



Version	Revision Date:	SDS Number:	Date of last issue: 26.09.2023
7.2	24.01.2024	20614-00026	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)
Sucrose	57-50-1	>= 30 -< 50
Aprepitant	170729-80-3	>= 30 -< 50
Cellulose	9004-34-6	>= 10 -< 20

#### **Section 4: 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 and effects, both acute and	:	May cause damage to organs through prolonged or repeated exposure if swallowed.
delayed		Contact with dust can cause mechanical irritation or drying of the skin.
Protection of first-aiders	:	and use the recommended personal protective equipment
Notes to physician	:	when the potential for exposure exists (see section 8). Treat symptomatically and supportively.

#### Section 5: Fire-fighting measures

Suitable extinguishing media : Water spray



Version 7.2	Revision Date: 24.01.2024	-	OS Number: 614-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014	
			Alcohol-resistant Carbon dioxide (0 Dry chemical		
	itable extinguishing	:	None known.		
Spec	media Specific hazards during fire- fighting		concentrations, a potential dust exp	dust; fine dust dispersed in air in sufficient nd in the presence of an ignition source is a plosion hazard. bustion products may be a hazard to health.	
Haza ucts	Hazardous combustion prod- ucts		Carbon oxides Fluorine compounds Nitrogen oxides (NOx)		
Spec ods	ific extinguishing meth-	:	cumstances and tuse water spray to	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 c	
for fir	Special protective equipment for firefighters Hazchem Code		In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. 2Z		
ection 6	: Accidental release me	eas	ures		
tive e	Personal precautions, protec- : tive equipment and emer- gency procedures		Follow safe hand	tective equipment. ling advice (see section 7) and personal pro t recommendations (see section 8).	
Envir	Environmental precautions :		Retain and dispos	akage or spillage if safe to do so. se of contaminated wash water. should be advised if significant spillages	
			•		

	Methods and materials for containment and cleaning up	:	Sweep up or vacuum up spillage and collect in suitable con- tainer for disposal. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Dust deposits should not be allowed to accumulate on surfac- es, as these may form an explosive mixture if they are re- leased into the atmosphere in sufficient concentration. Local or national regulations may apply to releases and dis- posal of this material, as well as those materials and items employed in the cleanup of releases. You will need to deter- mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.
--	----------------------------------------------------------	---	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Section 7: Handling and storage



# **Aprepitant Formulation**

Version 7.2	Revision Date: 24.01.2024	SDS Number: 20614-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
Tech	nnical measures	causing an ex Provide adequ	ty may accumulate and ignite suspended dust plosion. uate precautions, such as electrical grounding or inert atmospheres.
	al/Total ventilation ce on safe handling	<ul> <li>Use only with</li> <li>Do not breath Do not swallow</li> <li>Avoid contact</li> <li>Avoid prolong</li> <li>Handle in accorrelation</li> <li>practice, base</li> <li>sessment</li> <li>Minimize dust</li> <li>Keep contained</li> <li>Keep away from</li> <li>Take precaution</li> <li>Take care to precise</li> </ul>	adequate ventilation. e dust. w. with eyes. ed or repeated contact with skin. ordance with good industrial hygiene and safety d on the results of the workplace exposure as- generation and accumulation. er closed when not in use. om heat and sources of ignition. onary measures against static discharges. orevent spills, waste and minimize release to the
	ene measures ditions for safe storage	flushing system place. When using d Wash contam The effective of engineering co appropriate de industrial hygi use of adminis	chemical is likely during typical use, provide eye ms and safety showers close to the working o not eat, drink or smoke. inated clothing before re-use. operation of a facility should include review of ontrols, proper personal protective equipment, egowning and decontamination procedures, ene monitoring, medical surveillance and the strative controls. rly labelled containers.
	erials to avoid	Store in accor	dance with the particular national regulations. vith the following product types:

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

#### Components with workplace control parameters

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	WES-TWA	10 mg/m3	NZ OEL
		TWA	10 mg/m3	ACGIH
Cellulose	9004-34-6	WES-TWA	10 mg/m3	NZ OEL
		TWA	10 mg/m3	ACGIH

Engineering 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



Version 7.2	Revision Date: 24.01.2024	SDS Number: 20614-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014		
		protect pro	oducts, workers, and the environment.		
Perso	onal protective equip				
	Filter type Hand protection Material		e local exhaust ventilation is not available or expo- ssment demonstrates exposures outside the rec- d guidelines, use respiratory protection.		
			Particulates type		
			Chemical-resistant gloves		
Eye p	Eye protection		ty glasses with side shields or goggles. a environment or activity involves dusty conditions, erosols, wear the appropriate goggles. ceshield or other full face protection if there is a for direct contact to the face with dusts, mists, or		
Skin a	and body protection	: Work unifo	orm or laboratory coat.		
Section 9	Physical and chemi	cal properties			
Appea	arance	: powder			
Colou	ır	: coloured			

Appearance	:	powder
Colour	:	coloured
Odour	:	odourless
Odour Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	May form explosive dust-air mixture during processing, han- dling or other means.
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available



# **Aprepitant Formulation**

Versi 7.2	ion	Revision Date: 24.01.2024	SDS Number: 20614-00026		Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
I	Relativ	e vapour density	:	No data available	e
I	Relative density		:	No data available	e
I	Density	1	:	No data available	e
:	Solubili Wat	ity(ies) er solubility	:	No data available	e
		n coefficient: n-	:	No data available	e
	octanol Auto-ig	nition temperature	:	No data available	e
I	Decom	position temperature	:	No data available	e
Ň	Viscosi Visc	ty cosity, kinematic	:	No data available	e
I	Explosi	ve properties	:	Not explosive	
(	Oxidiziı	ng properties	:	The substance o	r mixture is not classified as oxidizing.
I	Molecu	lar weight	:	No data available	e
I	Minimu	m ignition energy	:	< 3 mJ	
I	Particle	e 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	:	Oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products are known.

## Section 11: Toxicological information

Exposure routes	: Inhalation Skin contact
	Ingestion Eye contact



ersion .2	Revision Date: 24.01.2024		0S Number: 614-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
	e toxicity			
	lassified based on availa ponents:	ble	information.	
Sucr				
	e oral toxicity	:	LD50 (Rat): 29,70	00 mg/kg
Apre	pitant:			
Acute	e oral toxicity	:	LD50 (Rat): > 2,00	00 mg/kg
			LD50 (Mouse): > 2	2,000 mg/kg
	e toxicity (other routes of nistration)	:	LD50 (Rat): 800 - Application Route	
			LD50 (Mouse): > Application Route	
Cellu	lose:			
	e oral toxicity	:	LD50 (Rat): > 5,00	00 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 5.8 Exposure time: 4 Test atmosphere:	h
Acute	e dermal toxicity	:	LD50 (Rabbit): > 2	2,000 mg/kg
-	corrosion/irritation lassified based on availa	ble	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



Version 7.2	Revision Date: 24.01.2024	SDS Numl 20614-000	
Resp	biratory or skin sens	tisation	
-	sensitisation	ailable informa	tion.
-	<b>biratory sensitisation</b> classified based on avai		tion.
<u>Com</u>	ponents:		
<b>Apre</b> Rem	<b>pitant:</b> arks	: No dat	a available
Chro	nic toxicity		
	n cell mutagenicity classified based on ava	ailable informa	tion.
<u>Com</u>	ponents:		
Sucr Geno	ose: otoxicity in vitro		ype: In vitro mammalian cell gene mutation test negative
-	<b>pitant:</b> ptoxicity in vitro		/pe: Ames test negative
		Test Ty Test sy	ype: Chromosomal aberration ystem: Chinese hamster ovary cells negative
		Test sy	ype: Alkaline elution assay /stem: rat hepatocytes negative
		Test sy	ype: in vitro assay ystem: human lymphoblastoid cells negative
Geno	otoxicity in vivo	Specie Applica	ype: Micronucleus test s: Mouse ation Route: Oral negative
Cellu	llose:		
Geno	ptoxicity in vitro		vpe: Bacterial reverse mutation assay (AMES) negative
			ype: In vitro mammalian cell gene mutation test negative



rsion	Revision Date: 24.01.2024	SDS Number: 20614-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
Genot	oxicity in vivo	: Test Type: M cytogenetic a Species: Mou	
			oute: Ingestion
Carci	nogenicity		
Not cl	assified based on av	ailable information.	
Comp	oonents:		
Aprep	bitant:		
Specie		: Mouse, male	
	ation Route	: Oral	
-	sure time	: 106 weeks	
Dose	4		g body weight
Resul		: positive	sm or mode of action is not relevant in human
Rema	IKS	. The mechani	sin of mode of action is not relevant in human
Specie		: Mouse, fema	le
	ation Route	: Oral	
•	sure time	: 106 weeks	
Dose			g body weight
Resul		: positive	
Rema	rks	: The mechani	sm or mode of action is not relevant in human
Specie	es	: Mouse	
Applic	ation Route	: Oral	
Expos	sure time	: 105 weeks	
Dose		: 2000 mg/kg k	oody weight
Resul		: positive	
Rema	rks	: The mechani	sm or mode of action is not relevant in human
Cellul	ose:		
Specie	es	: Rat	
Applic	ation Route	: Ingestion	
	sure time	: 72 weeks	
Resul	t	: negative	
Repro	oductive toxicity		
-	assified based on av	ailable information.	
<u>Comp</u>	oonents:		
Aprep			
Effect	s on fertility	: Test Type: Fe	
			male and female
			EL: 2,000 mg/kg body weight
		Result: No ef	fects on fertility



rsion	Revision Date: 24.01.2024		S Number: 14-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
Effect ment	s on foetal develop-			
				pit
Cellu	lose:			
	s on fertility	:	Species: Rat	ne-generation reproduction toxicity study oute: Ingestion ve
	s on foetal develop-			rtility/early embryonic development
ment			Species: Rat Application Ro Result: negati	oute: Ingestion ve
STOT Not cl STOT	- single exposure lassified based on ava	ilable ir <b>e</b>	Application Ro Result: negation	ve
STOT Not cl STOT	lassified based on ava - repeated exposure cause damage to orga	ilable ir <b>e</b>	Application Ro Result: negation	ve
STOT Not cl STOT May c lowed	lassified based on ava - repeated exposure cause damage to orga	ilable ir <b>e</b>	Application Ro Result: negation	
STOT Not cl STOT May c lowed Comp	lassified based on ava - repeated exposure cause damage to organ I.	ilable ir <b>e</b>	Application Ro Result: negation	ve
STOT Not cl STOT May c lowed Comp Aprej Targe	lassified based on ava <b>- repeated exposure</b> cause damage to organ I. <b>bonents:</b>	ilable ir e ns (Pro :   :	Application Ro Result: negation nformation. state, Testis) f	ve through prolonged or repeated exposure if sw
STOT Not cl STOT May c lowed Comp Apren Targe Asses	lassified based on ava <b>- repeated exposure</b> cause damage to orga l. <b><u>ponents:</u></b> <b>pitant:</b> et Organs	ilable ir e ns (Pro :   :	Application Ro Result: negation nformation. state, Testis) f Prostate, Test May cause da	ve through prolonged or repeated exposure if sw
STOT Not cl STOT May c lowed Comp Apren Targe Asses Repe	assified based on ava <b>- repeated exposure</b> cause damage to organ <b>- conents:</b> <b>- pitant:</b> et Organs ssment	ilable ir e ns (Pro :   :	Application Ro Result: negation nformation. state, Testis) f Prostate, Test May cause da	ve through prolonged or repeated exposure if sw
STOT Not cl STOT May c lowed Comp Targe Asses Repe	assified based on ava - repeated exposure cause damage to organ - conents: - pitant: - et Organs - ssment - ated dose toxicity	ilable ir e ns (Pro :   :	Application Ro Result: negation nformation. state, Testis) f Prostate, Test May cause da	ve through prolonged or repeated exposure if sw
STOT Not cl STOT May c lowed Comp Targe Asses Reper Comp Speci	assified based on ava - repeated exposure cause damage to organ - conents: - pitant: - ated dose toxicity - ponents: - pitant: - es	ilable ir e ns (Pro :   :	Application Ro Result: negation nformation. state, Testis) f Prostate, Test May cause da exposure.	ve through prolonged or repeated exposure if sw
STOT Not cl STOT May c lowed Comp Targe Asses Reper Comp Speci LOAE	assified based on ava - repeated exposure cause damage to organ - conents: - pitant: - ated dose toxicity - ponents: - pitant: - es 	iilable ir e ns (Pro :   :   :	Application Ro Result: negation nformation. state, Testis) f Prostate, Testi May cause da exposure. Dog >= 50 mg/kg	ve through prolonged or repeated exposure if sw
STOT Not cl STOT May c lowed Comp Apreg Asses Repea Asses Repea Comp Speci LOAE Applic Expos	assified based on ava - repeated exposure cause damage to organ - onents: pitant: et Organs ssment ated dose toxicity ponents: pitant: es EL cation Route sure time	ilable ir e ns (Pro :   :   :   :	Application Ro Result: negation nformation. state, Testis) f Prostate, Testis) f May cause da exposure. Dog >= 50 mg/kg Oral 39 Weeks	ve through prolonged or repeated exposure if sw is mage to organs through prolonged or repeate
STOT Not cl STOT May c lowed Comp Apreg Asses Repea Asses Repea Comp Speci LOAE Applic Expos	assified based on ava - repeated exposure cause damage to organ - onents: pitant: et Organs ssment ated dose toxicity ponents: pitant: es EL cation Route	ilable ir e ns (Pro :   :   :   :	Application Ro Result: negation nformation. state, Testis) f Prostate, Testis) f May cause da exposure. Dog >= 50 mg/kg Oral	ve through prolonged or repeated exposure if sw is mage to organs through prolonged or repeate
STOT Not cl STOT May c lowed Comp Aprej Targe Asses Repe Comp Speci LOAE Applic Expos Targe	assified based on avainable - repeated exposure cause damage to organ - onents: - pitant: - extrement - ated dose toxicity - pitant: - est - cation Route - sure time - est Organs - est - cation Route - sure time - est Organs - est organs	ilable ir e ns (Pro :   :   :   :   :   :	Application Ro Result: negation nformation. state, Testis) f Prostate, Testis) f May cause da exposure. Dog >= 50 mg/kg Oral 39 Weeks Prostate, Test Rat	ve through prolonged or repeated exposure if sw is mage to organs through prolonged or repeate
STOT Not cl STOT May c lowed Comp Aprej Targe Asses Repe Asses Repe Speci LOAE Applic Expos Targe	assified based on avainable - repeated exposure cause damage to organ - onents: - pitant: - extrement - ated dose toxicity - pitant: - est - cation Route - sure time - est Organs - est - cation Route - sure time - est Organs - est organs	ilable ir e ns (Pro :   :   :   :   :   :   :	Application Ro Result: negation nformation. state, Testis) f Prostate, Testis) f May cause da exposure. Dog >= 50 mg/kg Oral 39 Weeks Prostate, Test	ve through prolonged or repeated exposure if sw is mage to organs through prolonged or repeate



2	Revision Date: 24.01.2024		9S Number: 614-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
Expos	sure time	:	27 Weeks	
	et Organs	:	Liver, Thyroid	
	EL cation Route sure time		Monkey 0.240 mg/kg Intravenous 7 d No significant ac	dverse effects were reported
Expo		:	Rat, female 125 mg/kg Oral 106 Weeks Kidney	
	ies	:	Rat >= 9,000 mg/kg Ingestion 90 Days	
Expo		•	,	
Aspir Not cl Expe	ration toxicity lassified based on availa rience with human exp		information.	
Aspir Not cl Expe <u>Com</u>	ration toxicity lassified based on availa rience with human exp ponents:		information.	
Aspir Not cl Expe <u>Com</u>	ration toxicity lassified based on availa rience with human exp ponents: pitant:		information. Ire Symptoms: Hea	dache, Fatigue, hiccups, constipation, anore change, Rash, Nausea, Diarrhoea, hypoten-
Aspir Not cl Expe <u>Com</u> Apre Inges	ration toxicity lassified based on availa rience with human exp ponents: pitant:	iosu	information. Ire Symptoms: Hea ia, liver function	
Aspir Not cl Expe Com Apre Inges	ration toxicity lassified based on availa rience with human exp ponents: pitant: tion	iosu	information. Ire Symptoms: Hea ia, liver function	
Aspir Not cl Expe Comp Apre Inges ction 12	ration toxicity lassified based on availa rience with human exp ponents: pitant: tion 2: Ecological informatio	iosu	information. Ire Symptoms: Hea ia, liver function	
Aspir Not cl Expe Com Apre Inges ction 12 Ecoto <u>Com</u> Apre	ration toxicity lassified based on availa rience with human exp ponents: pitant: tion 2: Ecological information	: on	information. Ire Symptoms: Hea ia, liver function sion LC50 (Pimephal Exposure time: 9 Method: OECD	change, Rash, Nausea, Diarrhoea, hypoten-
Aspir Not cl Expe Com Apre Inges ction 1: Ecoto Com Apre Toxic	ration toxicity lassified based on availa rience with human exp ponents: pitant: tion 2: Ecological information poxicity ponents: pitant:	oosu : on	information. Ire Symptoms: Hea ia, liver function sion LC50 (Pimephal Exposure time: 9 Method: OECD Remarks: No to: EC50 (Daphnia Exposure time: 4 Method: OECD	change, Rash, Nausea, Diarrhoea, hypoten- les promelas (fathead minnow)): > 0.462 mg, 96 h Test Guideline 203 kicity at the limit of solubility magna (Water flea)): > 0.345 mg/l



rsion	Revision Date: 24.01.2024	-	S Number: 614-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
plants				72 h 7 Test Guideline 201 oxicity at the limit of solubility
			0.184 mg/l Exposure time: Method: OECD	kirchneriella subcapitata (green algae)): > 72 h ) Test Guideline 201 oxicity at the limit of solubility
Toxici icity)	ty to fish (Chronic tox-	:	Exposure time:	nales promelas (fathead minnow)): 0.195 mg 32 d 9 Test Guideline 210
	ty to daphnia and other ic invertebrates (Chron- city)	:	Exposure time:	ia magna (Water flea)): 0.018 mg/l : 21 d 0 Test Guideline 211
	ctor (Chronic aquatic	:	1	
toxicit <u></u> Toxici	y) ty to microorganisms	:	Method: OECD	
Cellul	ose:			
Toxici	ty to fish	:	Exposure time:	latipes (Japanese medaka)): > 100 mg/l 48 h ed on data from similar materials
Persis	stence and degradabili	ty		
Comp	oonents:			
<b>Aprep</b> Biode	<b>bitant:</b> gradability	:	Biodegradation Exposure time:	
Cellul	ose:			
Biode	gradability	:	Result: Readily	biodegradable.
Bioac	cumulative potential			
Comp	oonents:			
Sucro	ose:			



	Revision Date: 24.01.2024		S Number: 614-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
	on coefficient: n- ol/water	:	Pow: < 1	
Aprep	pitant:			
Bioac	cumulation	:	Bioconcentrat	mis macrochirus (Bluegill sunfish) ion factor (BCF): 50.1 D Test Guideline 305
	on coefficient: n- ol/water	:	log Pow: 4.75	
Mobil	ity in soil			
<u>Comp</u>	oonents:			
Aprer	pitant:			
Distrik	oution among environ- al compartments	:	log Koc: 3.10	
Other	adverse effects			
No da	ta available			
Dispo	3: Disposal considera osal methods e from residues	tions		e of waste into sewer.
<b>Dispo</b> Waste	osal methods	itions : :	Do not dispos Dispose of in a Empty contain dling site for re	e of waste into sewer. accordance with local regulations. lers should be taken to an approved waste h ecycling or disposal. e specified: Dispose of as unused product.
<b>Dispo</b> Waste Conta	e from residues	:	Do not dispos Dispose of in a Empty contain dling site for re	accordance with local regulations. ers should be taken to an approved waste h ecycling or disposal.
Dispo Waste Conta	e from residues	:	Do not dispos Dispose of in a Empty contain dling site for re	accordance with local regulations. ers should be taken to an approved waste h ecycling or disposal.
Dispo Waste Conta	<ul> <li><b>asal methods</b></li> <li>from residues</li> <li>minated packaging</li> <li><b>4: Transport informational Regulations</b></li> </ul>	:	Do not dispos Dispose of in a Empty contain dling site for re	accordance with local regulations. ers should be taken to an approved waste h ecycling or disposal.
Dispo Waste Conta tion 14 Intern UNRT	e from residues minated packaging Transport informati national Regulations	:	Do not dispos Dispose of in a Empty contair dling site for re If not otherwis UN 3077 ENVIRONME N.O.S.	accordance with local regulations. lers should be taken to an approved waste h ecycling or disposal. e specified: Dispose of as unused product.
Dispo Waste Conta tion 14 Intern UNRT UN nu Prope Class	<ul> <li><b>asal methods</b></li> <li>from residues</li> <li>minated packaging</li> <li><b>1: Transport informational Regulations</b></li> <li><b>TDG</b></li> <li>Imber shipping name</li> </ul>	:	Do not dispos Dispose of in Empty contain dling site for re If not otherwis UN 3077 ENVIRONME N.O.S. (Aprepitant) 9	accordance with local regulations. lers should be taken to an approved waste h ecycling or disposal. e specified: Dispose of as unused product.
Dispo Waste Conta tion 14 Intern UNRT UN nu Prope Class Packin	<ul> <li><b>asal methods</b></li> <li>from residues</li> <li>aminated packaging</li> <li><b>4: Transport informational Regulations</b></li> <li><b>TDG</b></li> <li>amber</li> <li>ar shipping name</li> </ul>	:	Do not dispos Dispose of in a Empty contain dling site for re If not otherwis UN 3077 ENVIRONME N.O.S. (Aprepitant) 9 III	accordance with local regulations. lers should be taken to an approved waste h ecycling or disposal. e specified: Dispose of as unused product.
Dispo Waste Conta tion 14 Intern UNRT UN nu Prope Class Packin Labels	<ul> <li><b>asal methods</b></li> <li>from residues</li> <li>aminated packaging</li> <li><b>4: Transport informational Regulations</b></li> <li><b>TDG</b></li> <li>amber</li> <li>ar shipping name</li> </ul>	:	Do not dispos Dispose of in Empty contain dling site for re If not otherwis UN 3077 ENVIRONME N.O.S. (Aprepitant) 9	accordance with local regulations. lers should be taken to an approved waste h ecycling or disposal. e specified: Dispose of as unused product.
Dispo Waste Conta tion 14 Intern UN nu Prope Class Packin Labels Enviro IATA-	<ul> <li><b>bsal methods</b></li> <li><b>bsal methods</b></li> <li><b>b</b> from residues</li> <li><b>i</b> minated packaging</li> <li><b>4: Transport informational Regulations</b></li> <li><b>TDG</b></li> <li><b>i</b> mber</li> <li><b>i</b> shipping name</li> <li><b>ing group</b></li> <li><b>is</b></li> <li><b>inmentally hazardous</b></li> <li><b>ibGR</b></li> </ul>	:	Do not dispos Dispose of in a Empty contain dling site for ro If not otherwis UN 3077 ENVIRONME N.O.S. (Aprepitant) 9 III 9 yes	accordance with local regulations. lers should be taken to an approved waste h ecycling or disposal. e specified: Dispose of as unused product.
Dispo Waste Conta Conta tion 14 Intern UN nu Prope Class Packin Labels Enviro IATA- UN/ID	<ul> <li><b>bsal methods</b></li> <li><b>bsal methods</b></li> <li><b>b</b> from residues</li> <li><b>i</b> minated packaging</li> <li><b>4: Transport informational Regulations</b></li> <li><b>TDG</b></li> <li><b>i</b> mber</li> <li><b>i</b> shipping name</li> <li><b>ing group</b></li> <li><b>is</b></li> <li><b>inmentally hazardous</b></li> <li><b>ibGR</b></li> </ul>	:	Do not dispos Dispose of in a Empty contain dling site for re If not otherwis UN 3077 ENVIRONME N.O.S. (Aprepitant) 9 III 9 yes UN 3077 Environmenta	accordance with local regulations. lers should be taken to an approved waste h ecycling or disposal. e specified: Dispose of as unused product.
Dispo Waste Conta Conta tion 14 Intern UNRT UN nu Prope Class Enviro IATA- UN/ID Prope Class	e from residues iminated packaging 4: Transport information fational Regulations TDG umber is shipping name onmentally hazardous DGR 0 No. is shipping name	:	Do not dispos Dispose of in a Empty contair dling site for re If not otherwis UN 3077 ENVIRONME N.O.S. (Aprepitant) 9 III 9 yes UN 3077 Environmenta (Aprepitant) 9	accordance with local regulations. lers should be taken to an approved waste h ecycling or disposal. e specified: Dispose of as unused product.
Dispo Waste Conta Conta tion 14 Intern UNRT UN nu Prope Class Enviro IATA- UN/ID Prope Class	e from residues iminated packaging <b>4: Transport informati</b> <b>ational Regulations</b> <b>TDG</b> umber or shipping name ng group sonmentally hazardous <b>DGR</b> No. or shipping name and and and and and and and and and and	:	Do not dispos Dispose of in a Empty contain dling site for re If not otherwis UN 3077 ENVIRONME N.O.S. (Aprepitant) 9 III 9 yes UN 3077 Environmenta (Aprepitant)	accordance with local regulations. lers should be taken to an approved waste h ecycling or disposal. e specified: Dispose of as unused product.



Version 7.2	Revision Date: 24.01.2024		OS Number: 614-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
aircraft	)			
Packin ger airc	g instruction (passen-	:	956	
	nmentally hazardous	:	yes	
Class Packin Labels EmS C	mber shipping name g group code		N.O.S. (Aprepitant) 9 III 9 F-A, S-F	ALLY HAZARDOUS SUBSTANCE, SOLID,
	pollutant	:	yes	
-	plicable for product as	-		OL 73/78 and the IBC Code
Nation	al Regulations			
NZS 54 UN nur Proper		:	UN 3077 ENVIRONMENTA	ALLY HAZARDOUS SUBSTANCE, SOUD

UN number	:	UN 3077
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Aprepitant)
Class	:	9
Packing group	:	III
Labels	:	9
Hazchem Code	:	2Z
Marine pollutant	:	no

#### 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 mixture

#### HSNO Approval Number

HSR100425 Pharmaceutical Active Ingredients Group Standard

#### **HSW Controls**

Certified handler certificate not required. Tracking hazardous substance not required. Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

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



Versio 7.2	on Revision Date: 24.01.2024		0S Number: 614-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014			
A	NICS	:	not determined				
C	DSL	:	not determined				
I	ECSC	:	not determined				
Section	on 16: Other information						
F	Revision Date	:	24.01.2024				
F	Further information						
C	Sources of key data used to compile the Safety Data Sheet	:		data, data from raw material SDSs, OECD arch results and European Chemicals Agen- ropa.eu/			
C	Date format	:	dd.mm.yyyy				
F	Full text of other abbreviations						
	ACGIH NZ OEL	:		eshold Limit Values (TLV) orkplace Exposure Standards for Atmospher-			
	ACGIH / TWA NZ OEL / WES-TWA	:	8-hour, time-weig Workplace Expos	hted average sure 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 Sub-



# **Aprepitant Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 26.09.2023
7.2	24.01.2024	20614-00026	Date of first issue: 09.10.2014

stances 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.

NZ / EN