

Date of last issue: 26.09.2023

Date of first issue: 09.10.2014

Aprepitant Formulation

Revision Date:

24.01.2024

Version

6.2

Product name	:	Aprepitant Formulation				
Manufacturer or supplier's Company name of supplier	deta					
Address	:	126 E. Lincoln Avenue Rahway, New Jersey U.S.A. 07065				
Telephone	:	908-740-4000				
Emergency telephone E-mail address	:	1-908-423-6000 EHSDATASTEWARD@msd.com				
Recommended use of the c	hen	nical and restrictions on use				
Recommended use Restrictions on use	:	Pharmaceutical Not applicable				
ECTION 2. HAZARDS IDENTIF	ICA	ΓΙΟΝ				
GHS Classification						
Specific target organ toxicity - repeated exposure (Oral)	:	Category 2 (Prostate, Testis)				
GHS label elements						
Hazard pictograms	:					
Signal Word	:	Warning				
Hazard Statements	:	H373 May cause damage to organs (Prostate, Testis) through prolonged or repeated exposure if swallowed.				
Precautionary Statements	:	Prevention:				
		P260 Do not breathe dust.				
		Response: P314 Get medical advice/ attention if you feel unwell.				
		Disposal:				
		P501 Dispose of contents/ container to an approved waste disposal plant.				

SDS Number:

20609-00026

Other hazards

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



ersion 2	Revision Date: 24.01.2024	SDS Number: 20609-00026		sue: 26.09.2023 sue: 09.10.2014			
Com	ponents						
Cherr	nical name		CAS-No.	Concentration (% w/w)			
Aprep	pitant		170729-80-3	>= 30 -< 50			
Sucro	ose		57-50-1	>= 30 -< 50			
Cellul	lose		9004-34-6	>= 10 -< 20			
ECTION	4. FIRST AID MEASUR	RES					
Gene	ral advice	advice imme	diately.	eel unwell, seek medical cases of doubt seek medica			
lf inha	aled		move to fresh air. attention if symptom	is occur.			
In cas	se of skin contact	: Wash with w	ater and soap. attention if symptom				
In cas	se of eye contact		 If in eyes, rinse well with water. Get medical attention if irritation develops and persists. If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water. 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. 				
lf swa	allowed	Get medical					
	important symptoms iffects, both acute and ed	: May cause d exposure if s Contact with the skin.					
Prote	ction of first-aiders	: First Aid resp and use the	oonders should pay a recommended perso	attention to self-protection, onal protective equipment exists (see section 8).			
	s to physician		matically and suppo				

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
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)
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.



Aprepitant Formulation

Vers 6.2	sion	Revision Date: 24.01.2024	-	S Number: 609-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014			
	Special for fire-	protective equipment fighters	:	Evacuate area. In the event of fire Use personal prot	, wear self-contained breathing apparatus. ective equipment.			
SEC	SECTION 6. ACCIDENTAL RELEASE MEASURES							
	tive equ	al precautions, protec- uipment and emer- procedures	:		ective equipment. ng advice (see section 7) and personal ent recommendations (see section 8).			
	Enviror	nmental precautions	:	Retain and dispos	akage or spillage if safe to do so. e of contaminated wash water. hould be advised if significant spillages			
		ls and materials for ment and cleaning up	:	container for dispo Avoid dispersal of with compressed a Dust deposits sho surfaces, as these released into the a Local or national r disposal of this ma employed in the cl determine which r Sections 13 and 1	dust in the air (i.e., clearing dust surfaces			

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 assessment 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.



Aprepitant Formulation

Version	Revision Date: 24.01.2024	SDS Number:	Date of last issue: 26.09.2023
6.2		20609-00026	Date of first issue: 09.10.2014
	ions for safe storage als to avoid	The effective oper engineering cont appropriate dego industrial hygien use of administra : Keep in properly Store in accorda	labeled containers. nce with the particular national regulations. the following product types:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Aprepitant	170729-80-3	TWA	0.2 mg/m3 (OEB 2)	Internal
Sucrose	57-50-1	VLE-PPT	10 mg/m ³	NOM-010- STPS-2014
		TWA	10 mg/m ³	ACGIH
Cellulose	9004-34-6	VLE-PPT	10 mg/m ³	NOM-010- STPS-2014
		TWA	10 mg/m ³	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 protect products, workers, and the environment.
Personal protective equipment	t
Respiratory protection :	If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.
Filter type :	Particulates type
Hand protection	
Material :	Chemical-resistant gloves

Eye protection	:	Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.
Skin and body protection	:	Work uniform or laboratory coat.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Color

: powder

: colored



Vers 6.2	sion	Revision Date: 24.01.2024		S Number: 609-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
	Odor		:	odorless	
	Odor T	hreshold	:	No data available	9
	рН		:	No data available	9
	Melting	point/freezing point	:	No data available	9
	Initial b range	oiling point and boiling	:	No data available	9
	Flash p	point	:	No data available	9
	Evapor	ation rate	:	No data available	2
	Flamm	ability (solid, gas)	:	May form explosi handling or other	ive dust-air mixture during processing, means.
	Flamm	ability (liquids)	:	No data available	9
		explosion limit / Upper ability limit	:	No data available	9
		explosion limit / Lower ability limit	:	No data available	9
	Vapor _l	oressure	:	No data available	9
	Relativ	e vapor density	:	No data available	9
	Relativ	e density	:	No data available	2
	Density	/	:	No data available	2
	Solubili Wat	ity(ies) er solubility	:	No data available	9
		n coefficient: n-	:	No data available	9
	octanol Autoigr	l/water nition temperature	:	No data available	9
	Decom	position temperature	:	No data available	9
	Viscosi Visc	ty cosity, kinematic	:	No data available	9
	Explosi	ive properties	:	Not explosive	
	Oxidizi	ng properties	:	The substance of	r mixture is not classified as oxidizing.
	Molecu	llar weight	:	No data available	9
	Minimu	im ignition energy	:	< 3 mJ	



Aprepitant Formulation

rsion	Revision Date: 24.01.2024		S Number: 609-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
Partic	sle size	:	No data avail	able
ECTION	10. STABILITY AND R	EAC	ΤΙVITY	
	tivity nical stability bility of hazardous reac-	:	Stable under May form exp handling or o	l as a reactivity hazard. normal conditions. blosive dust-air mixture during processing, ther means. h strong oxidizing agents.
Conditions to avoid Incompatible materials Hazardous decomposition		:	Heat, flames and sparks. Avoid dust formation. Oxidizing agents No hazardous decomposition products are known.	
	icts	•		

Information on likely routes of exposure

Inhalation 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



Aprepitant Formulation

Version	Revision Date:	SDS Number:	Dat
6.2	24.01.2024	20609-00026	Dat

Date of last issue: 26.09.2023 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 sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

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 test Test system: human lymphoblastoid cells Result: negative



sion	Revision Date: 24.01.2024	SDS Number: 20609-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
Geno	toxicity in vivo		Micronucleus test
		Species: M	
			Route: Oral
		Result: neg	jative
Sucro	ose:		
Geno	toxicity in vitro	: Test Type:	In vitro mammalian cell gene mutation test
	-	Result: neg	
Cellu	lose:		
Geno	toxicity in vitro	: Test Type:	Bacterial reverse mutation assay (AMES)
Cono		Result: neg	
		Test Type:	In vitro mammalian cell gene mutation test
		Result: neg	
Geno	toxicity in vivo		Mammalian erythrocyte micronucleus test (in
		cytogenetic	
		Species: M	
		Application Result: neg	Route: Ingestion
	nogenicity		
Not cl	assified based on av	ailable information.	
Not cl <u>Comp</u>	assified based on av	ailable information.	
Not cl <u>Comp</u> Aprep	assified based on av ponents: pitant:		le
Not cl Comp Apreg Speci	assified based on av ponents: pitant: es	ailable information. : Mouse, ma : Oral	le
Not cl Comp Apreg Speci Applic	assified based on av ponents: pitant: es cation Route	: Mouse, ma	le
Not cl Comp Apreg Speci Applic	assified based on av ponents: pitant: es	: Mouse, ma : Oral : 106 weeks	
Not cl <u>Comp</u> Aprep Speci Applic Expose	assified based on av <u>conents:</u> bitant: es cation Route sure time	: Mouse, ma : Oral : 106 weeks : >=1000 mg : positive	ı/kg body weight
Not cl <u>Comp</u> Aprep Speci Applic Expos Dose	assified based on av <u>conents:</u> bitant: es cation Route sure time t	: Mouse, ma : Oral : 106 weeks : >=1000 mg : positive	ı/kg body weight
Not cl Comp Apreg Speci Applic Expos Dose Resul Rema Speci	assified based on av <u>ponents:</u> pitant: es cation Route sure time t urks es	: Mouse, ma : Oral : 106 weeks : >=1000 mg : positive : The mecha : Mouse, fen	g/kg body weight nism or mode of action is not relevant in hum
Not cl Comp Aprej Speci Applic Expos Dose Resul Rema Speci Applic	assified based on av <u>conents:</u> bitant: es cation Route sure time t t urks es cation Route	: Mouse, ma : Oral : 106 weeks : >=1000 mg : positive : The mecha : Mouse, fen : Oral	g/kg body weight nism or mode of action is not relevant in hum
Not cl Comp Aprej Speci Applic Expos Dose Resul Rema Speci Applic Expos	assified based on av <u>ponents:</u> pitant: es cation Route sure time t urks es	: Mouse, ma : Oral : 106 weeks : >=1000 mg : positive : The mecha : Mouse, fen : Oral : 106 weeks	g/kg body weight nism or mode of action is not relevant in hum nale
Not cl Comp Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Comp	assified based on av <u>conents:</u> bitant: es cation Route sure time t irks es cation Route sure time	: Mouse, ma : Oral : 106 weeks : >=1000 mg : positive : The mecha : Mouse, fen : Oral : 106 weeks : >= 500 mg	g/kg body weight nism or mode of action is not relevant in hum
Not cl Comp Aprej Speci Applic Expos Dose Resul Rema Speci Applic Expos	assified based on av <u>conents:</u> bitant: es cation Route sure time t trks es cation Route sure time t	 Mouse, ma Oral 106 weeks >=1000 mg positive The mecha Mouse, fen Oral 106 weeks >= 500 mg, positive 	g/kg body weight nism or mode of action is not relevant in hum nale /kg body weight
Not cl <u>Comp</u> Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema	assified based on av <u>conents:</u> bitant: es cation Route sure time t urks es cation Route sure time t t t urks	 Mouse, ma Oral 106 weeks >=1000 mg positive The mecha Mouse, fen Oral 106 weeks >= 500 mg, positive The mecha 	g/kg body weight nism or mode of action is not relevant in hum nale /kg body weight
Not cl Comp Aprej Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci	assified based on av <u>ponents:</u> pitant: es cation Route sure time t urks es cation Route sure time t t urks es	 Mouse, ma Oral 106 weeks >=1000 mg positive The mecha Mouse, fen Oral 106 weeks >= 500 mg, positive The mecha 	g/kg body weight nism or mode of action is not relevant in hum nale /kg body weight
Not cl Comp Aprej Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic	assified based on av <u>conents:</u> bitant: es cation Route sure time t trks es cation Route sure time t t es cation Route sure time	 Mouse, ma Oral 106 weeks >=1000 mg positive The mecha Mouse, fen Oral 106 weeks >= 500 mg, positive The mecha 	g/kg body weight nism or mode of action is not relevant in hum nale /kg body weight
Not cl Comp Aprej Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic	assified based on av <u>ponents:</u> pitant: es cation Route sure time t urks es cation Route sure time t t urks es	 Mouse, ma Oral 106 weeks >=1000 mg positive The mecha Mouse, fen Oral 106 weeks >= 500 mg, positive The mecha Mouse Oral 105 weeks 	g/kg body weight nism or mode of action is not relevant in hum nale /kg body weight nism or mode of action is not relevant in hum
Not cl Comp Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Resul Rema	assified based on av <u>conents:</u> bitant: es cation Route sure time t irks es cation Route sure time t irks es cation Route sure time	 Mouse, ma Oral 106 weeks >=1000 mg positive The mecha Mouse, fen Oral 106 weeks >= 500 mg, positive The mecha Mouse Oral 105 weeks 	g/kg body weight nism or mode of action is not relevant in hum nale /kg body weight
Not cl Comp Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema Speci Dose Resul Rema	assified based on av <u>conents:</u> bitant: es cation Route sure time t irks es cation Route sure time t irks es cation Route sure time t irks es cation Route sure time	 Mouse, ma Oral 106 weeks >=1000 mg positive The mecha Mouse, fen Oral 106 weeks >= 500 mg, positive The mecha Mouse Oral Mouse Oral 105 weeks 2000 mg/kg positive 	g/kg body weight nism or mode of action is not relevant in hum nale /kg body weight nism or mode of action is not relevant in hum g body weight
Not cl Comp Aprej Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema	assified based on av <u>ponents:</u> pitant: es cation Route sure time t trks es cation Route sure time t t trks es cation Route sure time t trks es cation Route sure time t trks es cation Route sure time t trks es cation Route sure time	 Mouse, ma Oral 106 weeks >=1000 mg positive The mecha Mouse, fen Oral 106 weeks >= 500 mg, positive The mecha Mouse Oral Mouse Oral 105 weeks 2000 mg/kg positive 	g/kg body weight nism or mode of action is not relevant in hum nale /kg body weight nism or mode of action is not relevant in hum
Not cl Comp Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Applic Expos Dose Resul Rema Speci Resul Rema Speci Resul Rema	assified based on av <u>ponents:</u> pitant: es cation Route sure time t trks es cation Route sure time t trks es cation Route sure time t trks lose:	 Mouse, ma Oral 106 weeks >=1000 mg positive The mecha Mouse, fen Oral 106 weeks >= 500 mg, positive The mecha Mouse Oral Mouse Oral 105 weeks 2000 mg/kg positive 	g/kg body weight nism or mode of action is not relevant in hum nale /kg body weight nism or mode of action is not relevant in hum g body weight



Aprepitant Formulation

Vers 6.2	sion	Revision Date: 24.01.2024		9S Number: 609-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
	Application Route Exposure time Result		:	Ingestion 72 weeks negative	
	Reproc	ductive toxicity			
	Not cla	ssified based on availa	ble	information.	
	Compo	onents:			
	Aprepi	tant:			
			:	Test Type: Fertility Species: Rat, mal Fertility: NOAEL: Result: No effects	e and female 2,000 mg/kg body weight
	Effects on fetal development		:		
	Cellulo	se:			
	Effects on fertility :		:	Test Type: One-g Species: Rat Application Route Result: negative	eneration reproduction toxicity study : Ingestion
	Effects	on fetal development	:	Test Type: Fertility Species: Rat Application Route Result: negative	y/early embryonic development : Ingestion
	STOT-	single exposure			

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 Assessment	:	Prostate, Testis May cause damage to organs through prolonged or repeated exposure.
-----------------------------	---	---



Aprepitant Formulation

ersion Revision Date: 2 24.01.2024		SDS Number: 20609-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014	
Repe	ated dose toxicity			
<u>Com</u>	<u>oonents:</u>			
Apre	pitant:			
Speci	es	: Dog		
LÒAE		: >= 50 mg/kg		
Applic	cation Route	: Oral		
	sure time	: 39 Weeks		
Targe	et Organs	: Prostate, Tes	tis	
Speci	es	: Rat		
NOAE	ΞL	: 125 mg/kg		
	cation Route	: Oral		
•	sure time	: 27 Weeks		
Targe	et Organs	: Liver, Thyroid	1	
Speci	es	: Monkey		
NOAE	ΞL	: 0.240 mg/kg		
	cation Route	: Intravenous		
	sure time	: 7 d		
Rema	arks	: No significant	adverse effects were reported	
Speci	es	: Rat, female		
LOAE	EL	: 125 mg/kg		
Applic	cation Route	: Oral		
	sure time	: 106 Weeks		
Targe	et Organs	: Kidney		
Cellu	lose:			
Speci	65	: Rat		
NOAE		: >= 9,000 mg/	ka	
	cation Route	: Ingestion		
	sure time	: 90 Days		
Asnir	ation toxicity			
-	lassified based on av	vailable information.		
Expe	rience with human	exposure		
Com	ponents:			
Apre	pitant:			
Inges		: Symptoms H	leadache, Fatigue, hiccups, constipation, ano	
			on change, Rash, Nausea, Diarrhea, hypoten	
	12. ECOLOGICAL	NFORMATION		
Fcoto	oxicity			
	-			
Com	nononte:			

Components:

Aprepitant:



ersion .2	Revision Date: 24.01.2024		S Number: 609-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
Toxicity	to fish	:	Exposure time: 9 Method: OECD T	s promelas (fathead minnow)): > 0.462 mg/ 6 h est Guideline 203 city at the limit of solubility.
	to daphnia and other invertebrates	:	Exposure time: 4 Method: OECD T	nagna (Water flea)): > 0.345 mg/l 8 h est Guideline 202 city at the limit of solubility.
Toxicity plants	to algae/aquatic	:	mg/l Exposure time: 72 Method: OECD T	
			0.184 mg/l Exposure time: 72 Method: OECD T	chneriella subcapitata (green algae)): > 2 h est Guideline 201 city at the limit of solubility.
Toxicity icity)	to fish (Chronic tox-	:	Exposure time: 3	es promelas (fathead minnow)): 0.195 mg/l 2 d est Guideline 210
	to daphnia and other invertebrates (Chron- ty)	:	Exposure time: 2	magna (Water flea)): 0.018 mg/l 1 d est Guideline 211
Toxicity	to microorganisms	:		h
Cellulo	se:			
Toxicity	to fish	:	Exposure time: 4	ipes (Japanese medaka)): > 100 mg/l 8 h on data from similar materials
Persist	ence and degradabili	ty		
<u>Compo</u>	nents:			
Aprepit Biodegr	a nt: adability	:	Result: not rapidly Biodegradation: Exposure time: 60 Method: OECD T	50 %
Cellulo	se:			
Diadaa	adability		Result: Readily b	iodegradable.



Aprepitant Formulation

/ersion 5.2	Revision Date: 24.01.2024		0S Number: 609-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
Bioa	ccumulative potential			
Com	ponents:			
Apre	pitant:			
Bioac	cumulation	:	Bioconcentration	s macrochirus (Bluegill sunfish) factor (BCF): 50.1 rest Guideline 305
	ion coefficient: n- ol/water	:	log Pow: 4.75	
Sucr	ose:			
	ion coefficient: n- ol/water	:	Pow: < 1	
Mobi	lity in soil			
Com	ponents:			
Apre	pitant:			
	bution among environ- al compartments	:	log Koc: 3.10	
	r adverse effects ata available			

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods		
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
		handling site for recycling or disposal.
		If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG		
UN number	:	UN 3077
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Aprepitant)
Class	:	9
Packing group	:	
Labels	:	9
Environmentally hazardous	:	yes
IATA-DGR		
UN/ID No.	:	UN 3077
Proper shipping name	:	Environmentally hazardous substance, solid, n.o.s. (Aprepitant)



Aprepitant Formulation

Ver 6.2	sion	Revision Date: 24.01.2024		DS Number: 609-00026	Date of last issue: 26.09.2023 Date of first issue: 09.10.2014
	Class Packing group Labels Packing instruction (cargo aircraft) Packing instruction (passen- ger aircraft) Environmentally hazardous IMDG-Code UN number		:	9 III Miscellaneous 956 956	
			:	yes UN 3077	
	Class	shipping name g group	:	ENVIRONMENTA N.O.S. (Aprepitant) 9 III	ALLY HAZARDOUS SUBSTANCE, SOLID,
	Labels EmS C Marine		::	9 F-A, S-F yes	

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

Not applicable for product as supplied.

Domestic regulation

NOM-002-SCT

UN number Proper shipping name	 UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Aprepitant)
Class	: 9
Packing group	: III
Labels	: 9

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

Federal Law for the control of chemical precursors, : Not applicable essential chemical products and machinery for producing capsules, tablets and pills.

The ingredients of this prod	uct	are reported in the following inventories:
AICS	:	not determined

DSL	: not determined
IECSC	: not determined



Aprepitant Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 26.09.2023
6.2	24.01.2024	20609-00026	Date of first issue: 09.10.2014

SECTION 16. OTHER INFORMATION

Revision Date Date format	-	24.01.2024 dd.mm.yyyy
Full text of other abbreviation	ons	
ACGIH NOM-010-STPS-2014		USA. ACGIH Threshold Limit Values (TLV) Mexico. Norm NOM-010-STPS-2014 on Chemicals Polluting the Work Environment - Identification, Assessment and Con- trol - Appendix 1 Occupational Exposure Limits
ACGIH / TWA NOM-010-STPS-2014 / VLE- PPT		8-hour, time-weighted average Time weighted average limit value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation: DSL - Domestic Substances List (Canada): ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International 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

Sources of key data used to : compile the Material Safety Data Sheet

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/



Aprepitant Formulation

Version	Revision Date:	SDS Number:	D
6.2	24.01.2024	20609-00026	D

Date of last issue: 26.09.2023 Date of first issue: 09.10.2014

The information is considered as correct, but not exhaustive, and will be used only as a guide, which is based in the current knowledge of the substance or mixture, and is applicable to proper safety precautions for the product.

MX / Z8