according to GB/T 16483 and GB/T 17519



Temozolomide Injection Formulation

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11.0	2024/09/28	27560-00026	Date of first issue: 2014/11/03

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Temozolomide Injection Formulation						
Manufacturer or supplier's details								
Company	:	MSD						
Address	:	199 Wenhai North Road HEDA, Hangzhou - Zhejiang Province - CHINA 310018						
Telephone	:	908-740-4000						
Emergency telephone number	:	86-571-87268110						
E-mail address	:	EHSDATASTEWARD@msd.com						
Recommended use of the che	em	ical and restrictions on use						
Recommended use Restrictions on use	:	Pharmaceutical Not applicable						

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance Colour Odour	:	powder white No data available
	nag	s eye irritation. Suspected of causing genetic defects. Suspect- e fertility. May damage the unborn child. May cause damage to ated exposure.
GHS Classification		
Acute toxicity (Oral)	:	Category 3
Serious eye damage/eye irri- tation	:	Category 2A
Germ cell mutagenicity	:	Category 2
Carcinogenicity	:	Category 2
Reproductive toxicity	:	Category 1B
Specific target organ toxicity - repeated exposure	:	Category 2

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	l abel elements d pictograms		
Signa	l word	: Danger	•
Hazar	d statements	H341 Suspec H351 Suspec H360FD May	serious eye irritation. ted of causing genetic defects. ted of causing cancer. damage fertility. May damage the unborn child. use damage to organs through prolonged or re-
Preca	utionary statements	P202 Do not I and understoo P260 Do not I P264 Wash s P270 Do not o	breathe dust. kin thoroughly after handling. eat, drink or smoke when using this product. otective gloves/ protective clothing/ eye protec-
		POISON CEN P305 + P351 for several mi easy to do. Co P308 + P313 attention.	+ P330 IF SWALLOWED: Immediately call a ITER/ doctor. Rinse mouth. + P338 IF IN EYES: Rinse cautiously with wate nutes. Remove contact lenses, if present and ontinue rinsing. IF exposed or concerned: Get medical advice/ If eye irritation persists: Get medical advice/ at-
		Storage: P405 Store lo	cked up.
		Disposal: P501 Dispose disposal plant	of contents/ container to an approved waste

Physical and chemical hazards

Not classified based on available information.

Health hazards

Toxic if swallowed. Causes serious eye irritation. Suspected of causing genetic defects. Suspected of causing cancer. May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.

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Environmental hazards

Not classified based on available information.

Other hazards which do not result in classification

Contact with dust can cause mechanical irritation or drying of the skin. May form explosive dust-air mixture during processing, handling or other means.

3. COMPOSITION/INFORMATION ON INGREDIENTS

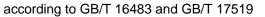
Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Citric acid	77-92-9	>= 10 -< 20
Sodium chloride	7647-14-5	>= 10 -< 20
Temozolomide	85622-93-1	>= 1 -< 10

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
If inhaled	:	advice. If inhaled, remove to fresh air. Get medical attention.
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	:	
If swallowed	:	If swallowed, DO NOT induce vomiting. Call a physician or poison control centre immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	:	Toxic if swallowed. Causes serious eye irritation. Suspected of causing genetic defects. Suspected of causing cancer. May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure. Contact with dust can cause mechanical irritation or drying of the skin.
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).





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Not	es to physician	:	Treat symptomati	cally and supportively.
5. FIREI	FIGHTING MEASURES			
Sui	table extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical	
Uns me	suitable extinguishing dia	:	None known.	
	ecific hazards during fire- ting	:	concentrations, a potential dust exp	dust; fine dust dispersed in air in sufficient nd in the presence of an ignition source is a losion hazard. pustion products may be a hazard to health.
Haz uct	zardous combustion prod- s	:	Carbon oxides Nitrogen oxides (I Metal oxides Chlorine compour	
Spe ods	ecific extinguishing meth-	:	cumstances and t Use water spray t	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do
	ecial protective equipment firefighters	:		e, wear self-contained breathing apparatus. tective equipment.
6. ACCI	DENTAL RELEASE MEAS	SUF	RES	
tive	sonal precautions, protec- equipment and emer- icy procedures	:	Follow safe handl	tective equipment. ing advice (see section 7) and personal pro- recommendations (see section 8).
Env	vironmental precautions	:	Retain and dispos	akage or spillage if safe to do so. se of contaminated wash water. should be advised if significant spillages
Me	thods and materials for	:	Sweep up or vacu	uum up spillage and collect in suitable con-

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			Local or nation posal of this m employed in th mine which re Sections 13 an	e atmosphere in sufficient concentration. nal regulations may apply to releases and dis- naterial, as well as those materials and items ne cleanup of releases. You will need to deter- gulations are applicable. nd 15 of this SDS provide information regarding r national requirements.
7. HANDL	ING AND STORAGE			
Hand	lling			
Techr	nical measures	:	causing an ex Provide adequ	ty may accumulate and ignite suspended dust plosion. late precautions, such as electrical grounding or inert atmospheres.
Local	/Total ventilation			ntilation is unavailable, use with local exhaust
	e on safe handling		Do not get on Do not breath Do not swallow Do not get in e Wash skin tho Handle in acco practice, base sessment Keep containe Keep containe Keep away fro Take precautio Do not eat, dri Take care to p environment.	w. eyes. roughly after handling. ordance with good industrial hygiene and safety d on the results of the workplace exposure as- er tightly closed. generation and accumulation. er closed when not in use. om heat and sources of ignition. onary measures against static discharges. nk or smoke when using this product. orevent spills, waste and minimize release to the
	lance of contact	:	Oxidizing age	nts
Stora	-		Koon in prose	rly labellad containers
	itions for safe storage rials to avoid	:	Store locked u Keep tightly cl Store in accor	•
Packa	aging material	:	Unsuitable ma	terial: None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components CAS-NO. Value type Control parame- Basis	Components	CAS-No.	Value type	Control parame-	Basis
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		(Form of	ters / Permissible			
Temozolomide	85622-93-1	exposure) TWA	concentration 0.1 ug/m3 (OEB	Internal		
Temozoioinide	00022-90-1	IVVA	5)	memai		
		Wipe limit	1 µg/100 cm2	Internal		
Engineering measures :	to control at s vent leakage All engineerin design and op protect produ No open hand Totally enclos are required. Operations re nology design workplace.	ource (e.g., glov of compounds in g controls should berated in accord cts, workers, and dling permitted. sed processes ar	as or containment tec e boxes/isolators) and to the workplace. d be implemented by lance with GMP prince I the environment. and materials transport appropriate containm akage of compounds	d to pre- facility siples to systems ent tech-		
Personal protective equipment						
Respiratory protection:Filter type:Eye/face protection:	sure assessm ommended g Particulates ty	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection. Particulates type Wear safety glasses with side shields or goggles.				
Eyenace protection .	If the work en mists or aeros Wear a faces	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. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, dis- posable suits) to avoid exposed skin surfaces. Use appropriate degowning techniques to remove potentially contaminated clothing.					
Hand protection	oontaninatoa	olotining.				
Material :	Chemical-res	istant gloves				
Remarks : Hygiene measures :	eye flushing s ing place. When using c Wash contam The effective engineering c appropriate d industrial hyg	o chemical is likel systems and safe lo not eat, drink o inated clothing b operation of a fa ontrols, proper p egowning and de		he work- eview of uipment, dures,		

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	powder
Colour	:	white
Odour	:	No data available
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	:	Not applicable
Evaporation rate	:	Not applicable
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	:	Not applicable
Relative vapour density	:	Not applicable
Relative density	:	No data available
Density	:	No data available
Solubility(ies) Water solubility	:	soluble
Partition coefficient: n- octanol/water	:	Not applicable
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity Viscosity, kinematic	:	Not applicable

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Explo	sive properties	:	Not explosive			
Oxidiz	zing properties	:	The substance	or mixture is not classified as oxidizing.		
Moleo	cular weight	:	No data availat	le		
	ele characteristics le size	:	No data available			
. STABI	LITY AND REACTIVITY	(
	tivity nical stability bility of hazardous reac-	:	Stable under no May form explo dling or other m	s a reactivity hazard. ormal conditions. sive dust-air mixture during processing, han leans. strong oxidizing agents.		
Cond	itions to avoid	:	Heat, flames and sparks. Avoid dust formation.			
Incompatible materials Hazardous decomposition products		:	Oxidizing agents No hazardous decomposition products are known.			
. TOXIC		ΓΙΟΝ	l			
Exposure routes		:	Inhalation Skin contact Ingestion Eye contact			
	e toxicity if swallowed.					
Prod	uct:					
Acute	e oral toxicity	:	Acute toxicity estimate: 241.75 mg/kg Method: Calculation method			
<u>Com</u>	oonents:					
Citric	acid:					
Acute	oral toxicity	:	LD50 (Mouse):	5,400 mg/kg		
Acute dermal toxicity				000 mg/kg Test Guideline 402 e substance or mixture has no acute derma		

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Acute	oral toxicity	:	LD50 (Rat): 3,	550 mg/kg		
Acute inhalation toxicity		:	LC50 (Rat): > 42 mg/l Exposure time: 1 h Test atmosphere: dust/mist			
Acute	dermal toxicity	:	LD50 (Rabbit):	> 5,000 mg/kg		
Temo	zolomide:					
Acute	oral toxicity	:	LD50 (Dog): 19	9 mg/kg		
			LD50 (Rat): 31	5 mg/kg		
			LD50 (Mouse)	: 205 mg/kg		
II Skin (corrosion/irritation					
Not cl	assified based on ava	ailable	information.			
Comp	oonents:					
Citric	acid:					
Speci		:	Rabbit			
Metho Resul		:	OECD Test Gu No skin irritatio			
Resul	l de la construcción de la const	•	NO SKIT ITTIALIC	11		
Sodiu	ım chloride:					
Speci	es	:	Rabbit			
Result		:	No skin irritatio	n		
Serio	us eye damage/eye i	irritati	on			
	es serious eye irritatio					
Comp	oonents:					
Citric	acid:					
Speci			Rabbit			
Resul		:		es, reversing within 21 days		
Metho	od	:	OECD Test Gu	uideline 405		
	ım chloride:					
Speci		:	Rabbit			
Resul	t	:	No eye irritatio	n		
Resp	iratory or skin sensi	tisatio	on			

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Respiratory sensitisation

Not classified based on available information.

Components:

Sodium chloride:

Test Type Exposure routes Species Result	:	Local lymph node assay (LLNA)
Exposure routes	:	Skin contact
Species	:	Mouse
Result	:	negative

Temozolomide:

Test Type	:	Maximisation Test
Exposure routes	:	Dermal
Species Result	:	Guinea pig
Result	:	negative

Germ cell mutagenicity

Suspected of causing genetic defects.

Components:

Citric acid:

Genotoxicity in vitro	: Test Type: Bacterial reverse mutation assay (AMES) Result: negative
	Test Type: in vitro micronucleus test Result: positive
	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
Genotoxicity in vivo	: Test Type: Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis) Species: Rat Application Route: Ingestion Result: negative
Sodium chloride:	
Genotoxicity in vitro	: Test Type: In vitro mammalian cell gene mutation test Result: positive
	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
	Test Type: Saccharomyces cerevisiae, gene mutation assay (in vitro) Result: positive
	Test Type: DNA damage and repair, unscheduled DNA syn-

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		thesis in mamr	nalian cells (in vitro)
			omosome aberration test in vitro
			omosome aberration test in vitro e
toxicity in vivo	:		ivo micronucleus test e
		Application Ro	ute: Intraperitoneal injection
		cytogenetic tes Species: Rat Application Ro	agenicity (in vivo mammalian bone-marrow t, chromosomal analysis) ute: Intraperitoneal injection
	:	Weight of evide cell mutagen.	ence does not support classification as a gern
toxicity in vitro	:		cterial reverse mutation assay (AMES)
		Test system: H	omosome aberration test in vitro luman lymphocytes
	:		s from in vitro mammalian mutagenicity assay ture activity relationship to known germ cell
• •			
-			
ım chloride:			
	:	Rat	
sure time	:	2 Years	
t	:	negative	
	:	Rat	
sure time	•	6 Months	
	2024/09/28 toxicity in vivo cell mutagenicity - ssment vzolomide: toxicity in vitro cell mutagenicity - ssment nogenicity ected of causing cancer. <u>ponents:</u> um chloride: es cation Route sure time t	2024/09/2827toxicity in vivo:cell mutagenicity - ssment:zolomide: toxicity in vitro:cell mutagenicity - ssment:zolomide: toxicity in vitro:cell mutagenicity - ssment:zolomide: toxicity in vitro:cell mutagenicity - ssment:cell mutagenicity - ssment:zolomide: toxicity in vitro:cell mutagenicity - ssment:zolomide: es t:im chloride: sure time t:cation Route:zolomide: es t:es t:it:	2024/09/2827560-00026thesis in mamm Result: positive Test Type: Chr Result: positive Test Type: Chr Result: negativtoxicity in vivo:toxicity in vivo:toxicity in vivo:toxicity in vivo:toxicity in vivo:toxicity in vivo:cell mutagenicity - ssment:vell mutagenicity - ssment:vell mutagenicity - ssment:vell mutagenicity - ssment:vell mutagenicity - ssment:vell mutagenicity - ssment:rest Type: Chr Test Type: Bac Result: positive cell mutagenicity - ssmentvell mutagenicity - ssment:rest Type: Chr Test Type: Chr Test Type: Chr Test System: H Result: positive Result: positive

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Resu Targe	lt et Organs	: ро	ng/kg body we sitive ammary gland	ight
Carci ment	nogenicity - Assess-	: Lir	nited evidence	of carcinogenicity in animal studies
Mayo	oductive toxicity damage fertility. May da ponents:	image th	e unborn child	
	a cid: ts on foetal develop-	Sp Ap	st Type: One-g ecies: Rat plication Route sult: negative	generation reproduction toxicity study e: Ingestion
Temo	ozolomide:			
Effect	ts on fertility	Sp Ap Fe	ecies: Rat, ma plication Route	
Effect ment	ts on foetal develop-	Sp Ap En	ecies: Rat plication Route hbryo-foetal to	yo-foetal development e: Oral kicity: LOAEL: 13 mg/kg body weight Malformations were observed.
Repro sessr	oductive toxicity - As- nent	ity	based on anir	f adverse effects on sexual function and fertil- nal experiments., Clear evidence of adverse pment, based on animal experiments.
STOT	- single exposure			
Not c	lassified based on avai	able info	rmation.	
-	ponents:			
Citric Asses	ssment	: Ma	ay cause respir	atory irritation.
May o	- repeated exposure cause damage to organ conents:	s throug	n prolonged or	repeated exposure.
	ozolomide:			
Expo	sure routes et Organs		jestion ne marrow, thy	/mus gland, Lymph nodes, spleen
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Asse	ssment	: Causes dama exposure.	ge to organs through prolonged or repeated
Repe	ated dose toxicity		
Com	ponents:		
Spec NOAI LOAE Appli	EL	: Rat : 4,000 mg/kg : 8,000 mg/kg : Ingestion : 10 Days	
Spec LOAE Appli		: Rat : 2,533 mg/kg : Ingestion : 2 yr	
Spec NOAI LOAE Appli Expo	EL	: Rat, female : 4 mg/kg : 21 mg/kg : Oral : 6 Months : Lymph nodes organs	, thymus gland, Bone marrow, Reproductive
Expo	EL		, thymus gland, Bone marrow, male reproductive ointestinal tract
Expo	EL	 Dog 2.5 mg/kg 6.3 mg/kg Oral 6 Months Bone marrow, tinal tract, thy 	spleen, male reproductive organs, Gastrointes- mus gland

Aspiration toxicity

Not classified based on available information.

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Expe	rience with human exp	osi	ire		
Com	oonents:				
Temo	zolomide:				
Inges	tion	:	Symptoms: Blood anorexia, Fatigue	l disorders, Nausea, Vomiting, Diarrhoea, , hair loss	
2. ECOL	OGICAL INFORMATION	N			
Ecoto	oxicity				
<u>Com</u>	oonents:				
Citric	acid:				
Toxic	ity to fish	:	LC50 (Pimephale Exposure time: 90	s promelas (fathead minnow)): > 100 mg/l 6 h	
	ity to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 24	nagna (Water flea)): 1,535 mg/l 4 h	
Sodiu	um chloride:				
Toxic	ity to fish	:	LC50 (Lepomis m Exposure time: 90	nacrochirus (Bluegill sunfish)): 5,840 mg/l 6 h	
Toxic aquat	ity to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 44	nagna (Water flea)): 4,136 mg/l 8 h	
Toxic plants	ity to algae/aquatic	:	EC50: > 2,000 m Exposure time: 9		
Toxic icity)	ity to fish (Chronic tox-	:	NOEC (Pimephal Exposure time: 33	es promelas (fathead minnow)): 252 mg/l 3 d	
aquat	ity to daphnia and other ic invertebrates (Chron-	:	NOEC (Daphnia pulex (Water flea)): 314 mg/l Exposure time: 21 d		
ic toxi Toxic	ity to microorganisms	:	EC10: > 1,000 m	g/I	
Temo	ozolomide:				
Toxic	ity to fish	:	Exposure time: 9	chus mykiss (rainbow trout)): > 100 mg/l 6 h est Guideline 203	
	ity to daphnia and other ic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202		
Toxic plants	ity to algae/aquatic	:	EC50 (Pseudokirchneriella subcapitata (green algae)): > 90 mg/l		

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			Exposure time Method: OEC	e: 72 h D Test Guideline 201	
			mg/l Exposure time	dokirchneriella subcapitata (green algae)): 40 e: 72 h D Test Guideline 201	
Toxicity to microorganisms		:	EC50: > 100 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 209		
Pers	istence and degradab	ility			
<u>Com</u>	ponents:				
Citric	c acid:				
Biode	egradability	:	Biodegradatic Exposure time		
Temo	ozolomide:				
Biode	egradability	:	Result: rapidly Biodegradatic Exposure time	n: 83 %	
Stabi	lity in water	:	Degradation h	nalf life (DT50): < 1 d	
Bioa	ccumulative potential				
<u>Com</u>	ponents:				
Citric	c acid:				
Partit octar	tion coefficient: n- nol/water	:	log Pow: -1.72	2	
Teme	ozolomide:				
	tion coefficient: n- nol/water	:	log Pow: 1.35		
	i lity in soil ata available				
	r adverse effects ata available				

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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 han- dling site for recycling or disposal.
		If not otherwise specified: Dispose of as unused product.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number Proper shipping name Class Subsidiary risk Packing group Labels Environmentally hazardous	:	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable no
IATA-DGR UN/ID No. Proper shipping name Class Subsidiary risk Packing group Labels Packing instruction (cargo aircraft) Packing instruction (passen- ger aircraft)		Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
IMDG-Code UN number Proper shipping name Class Subsidiary risk	:	Not applicable Not applicable Not applicable Not applicable

01033	
Subsidiary risk	: Not applicable
Packing group	: Not applicable
Labels	: Not applicable
EmS Code	: Not applicable
Marine pollutant	: no

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

Not applicable for product as supplied.

National Regulations

GB 6944/12268

UN number	: Not applicable
Proper shipping name	: Not applicable

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Packi Label	idiary risk ng group	 Not applicable Not applicable Not applicable Not applicable no 	
-	ial precautions for ι pplicable	iser	
15. REGU	LATORY INFORMA	ΓΙΟΝ	
	nal regulatory infor		
		nd Control of Occupa	
	liations on Safety Ma ogue of Hazardous C	anagement of Hazard hemicals	 This product is not listed in the catalogue of hazardous chemicals, but it meets the definition of hazardous chemicals and its principles of determination.
Identi 1821		ard Installations for Ha	zardous Chemicals (GB : Not listed
Haza SAW		Priority Management u	nder : Not listed
II Requ	lations on Labour P	rotection in Workpla	ces where Toxic Substances are Used
	ogue of Highly Toxic	•	: Not listed
	lation of Environme Export of Toxic Chei		the First Import of Chemicals and the Impor
	a Severely Restricted Export	Toxic Chemicals for In	nport : Not listed
Regu	lation on the Admin	istration of Precurso	r Chemicals
Catal	ogue and Classification	on of Precursor Chemi	cals : Not listed
Yang	tze River Protection	Law	
This _I	product does not cont	ain any dangerous che	emicals prohibited for inland river transport.
The c AICS	•	product are reported : not determined	in the following inventories:
DSL		: not determined	
IECS	С	: not determined	
1200	~		~

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16. OTHER INFORMATION

 Revision Date
 : 2024/09/28

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

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

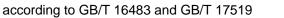
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Full text of other abbreviations

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

Disclaimer

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





Temozolomide Injection Formulation

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safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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