

SAFETY DATA SHEET

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11	· · · ·		С.,	· · ·	, , ,		· · ,		Dat	e Revise	d: 26/11	/202
		н 1 - 1			н 1 — 1			1 1 - 1			н 1 - 1	
SE	CTION	1. ID	ENT	IFICA	TION							
		: • •									111	
	uct Name #: 12068-			-		· · .	· · .			· · .		
	vant ident		es of t	he subs	tance: S	scienti	fic resea	rch and	develo	opment		. * *
	olier detai											
Stanf E-ma	ord Advar iil: sales@	iced Ma samatei	terials	m				; • •		н 1 - 1	: • •	
	949) 407-											
	ess: 2366											
, and a							0.0.7 (.			1		
Class GHS(CTION sification o 06 Skull at e Tox. 3 H	f the sul	bones	e or mixtu	ure in ac	cordan		9 CFR 1	910 (O		S) (
Acute	Tax 011											
	08 Health	331 Tox hazard	ic if inh	aled.	:	1		;···	:	: 	;··	
GHS	08 Health	hazard								 		;
GHS(STOT	08 Health T RE 2 H3	hazard 73 May	cause	damage	to the ce	entral n	ervous s	ystem,	· · ·			
GHS(STOT the liv	08 Health	hazard 73 May e digesti	cause	damage	to the ce	entral n	ervous s	ystem,	· · ·	···.		:
GHS(STOT the liv	08 Health T RE 2 H3 ver and the ure. Route	hazard 73 May e digesti of	cause ve sys	damage tem throu	to the ce ugh prolo	entral n	ervous sy or repeate	ystem, ed e		··. 		4 11. 11.
GHS(STOT the liv xposu expos	08 Health T RE 2 H3 ver and th	hazard 73 May e digesti of , Inhalat	cause ve syst	damage tem throi	to the ce ugh prolo	entral n	ervous sy or repeate	ystem, ed e		··. 		1 112 112

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No data available											
GHS label elements											
The product is classifie	ed and la	abeled in					. * *			. * *	
accordance with 29 CF	FR 1910										
Hazard pictograms	1								111		
GHS06 GHS08Signal	word: D	anger		· · .	· · .		· · .	· · .		· · .	· · .
Hazard statements											
H301+H331 Toxic if sv	vallowed				:			1			:
H373 May cause dama	age to th	ne central	nervou	ıs syste	em, the li	ver and t	he dige	estive sys	stem thro	ough	
prolonged or repeated	exposu	re.		1			1		ı		
Route of exposure: Or	al,	· · · .	, , ,	· · · .	· · ·		· · .	· · .		· · .	· · · .
Inhalative.											
Precautionary stateme											
P260 Do not breathe d	lust/fum	e/gas/mis	st/vapor	s/spray	/.						
P261 Avoid breathing											
P304+P340 IF INHALE	ED: Ren	nove victi	m to fre	sh air a	and keep	at rest ir	n a pos	ition com	nfortable	for	11.
breathing.					-						:
P405 Store locked up.											
P405 Store locked up. P403+P233 Store in a		ntilated pl	ace. Ke	epicor	itainer tig	htly clos	ed.			:	
P403+P233 Store in a	well-ve										
	well-ve										
P403+P233 Store in a P501 Dispose of conte regulations.	well-ve ents/con		accorda	ince wil	h local/re	egional/n	ational	/internati	onal	· · .	··.
P403+P233 Store in a P501 Dispose of conte regulations. WHMIS classification D1A - Very toxic mater	well-ver	tainer in a	accorda	nce wit	h local/re	egional/n effects	ational	/internati	onal		
P403+P233 Store in a P501 Dispose of conte regulations. WHMIS classification	well-ver	tainer in a	accorda	nce wit	h local/re	egional/n effects	ational	/internati	onal		
P403+P233 Store in a P501 Dispose of conte regulations. WHMIS classification D1A - Very toxic mater Classification system	well-ver ents/con	tainer in a	accorda diate a	nce wit	h local/re	egional/n effects	ational	/internati	onal		
P403+P233 Store in a P501 Dispose of conter regulations. WHMIS classification D1A - Very toxic mater Classification system HMIS ratings (scale 0- (Hazardous Materials I	well-ver ents/con rial caus 4) Identific	tainer in a sing imme	accorda diate al	nce wit	h local/re	effects	ational	/internati	onal		
P403+P233 Store in a P501 Dispose of conte regulations. WHMIS classification D1A - Very toxic mater Classification system HMIS ratings (scale 0-	well-ver ents/con rial caus 4) Identific	tainer in a sing imme	accorda diate al	nce wit	h local/re	effects	ational	/internati	onal		
P403+P233 Store in a P501 Dispose of conter- regulations. WHMIS classification D1A - Very toxic mater Classification system HMIS ratings (scale 0- (Hazardous Materials I HEALTH FIRE	well-ver ents/con rial caus 4) Identific	tainer in a sing imme	accorda diate al	nce wit	h local/re	effects	ational	/internati	onal		
P403+P233 Store in a P501 Dispose of conter- regulations. WHMIS classification D1A - Very toxic mater Classification system HMIS ratings (scale 0- (Hazardous Materials I HEALTH FIRE	well-ver ents/con rial caus 4) Identific	tainer in a sing imme	accorda diate al	nce wit	h local/re	effects	ational	/internati	onal		
P403+P233 Store in a P501 Dispose of conter- regulations. WHMIS classification D1A - Very toxic mater Classification system HMIS ratings (scale 0- (Hazardous Materials I HEALTH FIRE	well-ver ents/con rial caus 4) Identific	tainer in a	accorda ediate al	nce wil	h local/re	effects	ational	/internati	onal		

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0		· · .	1 - 1 - 1		•••			· · .	· · .		· · .	•••
1 Health (acute e	effects) =	= 2	:			:			:			-
Flammability =												
Physical Hazar	rd = 1					н 1 - 1				111		
Other hazards		· · .	· · .		· · .	· · ·		· · .	· · .		· · .	•••
Results of PBT PBT: N/A	and vP	vB ass	essment		, 1-1 1		, , ,			н 1 - 1		:
vPvB: N/A		1		111			111		н 1 - 1	111		

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

		. 11			. 11			
Substances								
CAS No. / Substance Name:	 						: • •	
12068-69-8 Bismuth(III) seleni								
Identification number(s):	1	· · ·	· · · .	1	· · ·			· · .
EC number: 235-104-7						1		
Index number: 034-002-00-8								

SECTION 4. FIRST AID MEASURES

Description of first aid measures

General information

Immediately remove any clothing soiled by the product.

Remove breathing apparatus only after contaminated clothing has been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration. If inhaled:

Supply patient with fresh air. If not breathing, provide artificial respiration. Keep patient warm.

Seek immediate medical advice.

In case of skin contact:

Immediately wash with soap and water; rinse thoroughly.

		1	1							
Seek immediate medical ad	vice.		· · · .			· · .	··.			
In case of eye contact:										
Rinse opened eye for sever	al minutes	under ru	inning w	vater. Cor	nsult a p	ohysicia	an.		. * *	
If swallowed:										
Do not induce vomiting; imm	nediately ca	all for me	edical he	elp.						
Information for doctor	· · ·			11. 1		· · .	11. 11.		· · · .	
Most important symptoms a	nd effects,									
No data available	i i			ı		,				
Indication of any immediate	medical at	tention a	ind spec	cial treatn	nentne	eded				
No data available			ľ			,				
<u> </u>	· · · .									
SECTION 5. FIRE									. * *	
SECTION 5. FIRE								1 ;**		
Extinguishing media	ts	:** . :		 						
Extinguishing media Suitable extinguishing agent	ts se fire-fight	ting mea	sures th	nat suit th	le surro	unding	fire.			
Extinguishing media Suitable extinguishing agent Product is not flammable. Us Special hazards arising from If this product is involved in a	ts se fire-fight n the substa a fire, the f	ting mea ance or i ollowing	sures th mixture can be	nat suit th released	ie surro	unding	fire.	 		
Extinguishing media Suitable extinguishing agent Product is not flammable. U Special hazards arising from	ts se fire-fight n the substa a fire, the f	ting mea ance or i ollowing	sures th mixture can be	nat suit th released	ie surro	unding	fire.	 		
Extinguishing media Suitable extinguishing agent Product is not flammable. Us Special hazards arising from If this product is involved in Metal oxide fume	ts se fire-fight n the substa a fire, the f	ting mea ance or i ollowing	sures th mixture can be	nat suit th released	ie surro	unding	fire.	 	:	:
Extinguishing media Suitable extinguishing agent Product is not flammable. U Special hazards arising from If this product is involved in Metal oxide fume Selenium dioxide (SeO2) Advice for firefighters	ts se fire-fight n the substa a fire, the f	ting mea ance or i ollowing	sures th mixture can be	nat suit th released	ie surro	unding	fire.		: 	
Extinguishing media Suitable extinguishing agent Product is not flammable. Us Special hazards arising from If this product is involved in Metal oxide fume Selenium dioxide (SeO2)	ts se fire-fight n the substa a fire, the f	ting mea ance or i ollowing	sures th mixture can be	nat suit th released	ie surro	unding	fire.		: 	
Extinguishing media Suitable extinguishing agent Product is not flammable. U Special hazards arising from If this product is involved in Metal oxide fume Selenium dioxide (SeO2) Advice for firefighters	ts se fire-fight n the substa a fire, the f	ting mea ance or i ollowing	sures th mixture can be	nat suit th released	ie surro	unding	fire.			

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Environmental precautions:	· · .			· · .	· · .	. :	· · .	
Do not allow product to enter drains, sewage	systems,							
Methods and materials for containment and c	leanup:						. * *	
Dispose of contaminated material as waste a								
Ensure adequate ventilation.		н н н			н н н			
Prevention of secondary hazards:				· · .	· · · .		· · .	
No special measures required.					1			:
Reference to other sections		÷			i			
See Section 7 for information on safe handling	g							
See Section 8 for information on personal pro	tection e	quipment.						
See Section 13 for disposal information.				· · .	· · .		· · .	
SECTION 7. HANDLING AND	STO	RAGE				; • •		
HandlingPrecautions for safe handling								
Keep container tightly sealed.	· · · ·			· · · .			· · .	
Store in cool, dry place in tightly closed conta	iners.							
Ensure good ventilation at the workplace.								
Open and handle container with care.			:**		н 1 - 1	:**		
Information about protection against explosion	ns and fir	es:			··.			
The product is not flammable							i.	
Conditions for safe storage, including any inc	ompatibil	ities		. * *		:		
Requirements to be met by storerooms and re	eceptacle	es:						
No special requirements.			; • •		н н н	:**		
Information about storage in one common sto	rage faci	lity:		· · .	· · .	. :	··.,	
Store away from oxidizing agents.								
Further information about storage conditions:								
Keep container tightly sealed.								
Store in cool, dry conditions in well-sealed co			i di seconda			1	1	1
Specific end use(s)				· · .	· · .		··.	

No	data	avai	lable

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION Additional information about design of technical systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. Control parameters Components with limit values that require monitoring at the workplace: None. Additional information: No data Exposure controls Personal protective equipment Follow typical protective and hygienic practices for handling chemicals. Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work. Store protective clothing separately. Maintain an ergonomically appropriate working environment. Breathing equipment: Use self-contained respiratory protective device in emergency situations. Recommended filter device for short term use: Use a respirator with type P100 (USA) or P3 (EN 143) cartridges as a backup to engineering controls. Risk assessment should be performed to determine if air-purifying respirators are appropriate. Only use equipment tested and approved under appropriate government standards. Protection of hands: Impervious gloves Inspect gloves prior to use. Suitability of gloves should be determined both by material and quality, the latter of which may vary

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by		· · ,	· · .		· · .	· · · .	. :	· · .	· · .	. :	· · .	
manufacturer.												
Material of glove	es		÷	н 1 - 1		ł		. * *	÷		. **	
Nitrile rubber, N Penetration time		ve mate	erial (in r	ninutes)			;••	1	, , ,	:	1	:
480	н 1 — 1	· · · .	· · .		· · .			· · · .	с.,		· · .	· · .
Glove thickness 0.11 mm	j 		:			1			:	: 		:
Eye protection:	Safety	glasses	5				111					
Body protection	: Prote											
<u> </u>												· · · ,

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties	н 1 - 1	: • •	1	н 1 - 1		1	
Appearance:							
Form: Pieces or various forms			· · · .			· · .	
Color: Grey					:		
Odor: No data available							
Odor threshold: No data available.					; · ·	1	
pH: N/A			· · .	ч.		с.,	
Melting point/Melting range: 710 °C (1310 °F) Boiling point/Boiling range: No data available	}	1 1 - 1		:			
Sublimation temperature / start: No data available							
Flammability (solid, gas): No data available.	н н — н						
Ignition temperature: No data available			· · ·	· · ·		с.,	
Decomposition temperature: No data available Autoignition: No data available.	:			:			
Danger of explosion: No data available. Explosion limits:		1 1 1 1		1 1 1			
Lower: No data available		1 1 1	· · ·			Ч.,	

							1				
Upper: No data availab	le				•••		· · .	· · .		· · .	
Vapor pressure: N/A											
Density at 20 °C (68 °F): 6.82 g	g/cm					. * *				
3 (56.913 lbs/gal)	:		:	;	:		:	1.	111		
Relative density: No da	ta availa	able.				1	· · .			· · .	··.
Vapor density: N/A Evaporation rate: N/A					1	1.		1	н 1 — 1	. **	:
Solubility in Water (H 2	:		:	:	: . :			: . : .			
O): Insoluble	···,	· · ·		· · · .		1 1 - 1	· · .			· · ·	··.
Partition coefficient (n-c	octanol/v	water): N	lo data a	availab	le.						
Viscosity:											
Dynamic: N/A			:	1		111			111	1	
Kinematic: N/A Other information	· · .			· · ·			· · · .			· · ·	۰.
No data available						1					
									: * *	1	
SECTION 10. S Reactivity							11. 1	· · .		· · .	۰۰,
No data available						1	.11				-
Chemical stability											
Stable under recommen	nded sto	orage co	nditions	-		,			1		
Thermal decomposition	ı / condi	tions to I	be avoid	ed:		, , ,	· · .			· · · .	· · .
Decomposition will not	occur if	used an	d stored	accor	ding to s	pecificati	ons.				
Possibility of hazardous	s reactio	ons		,	,		ı	,			
Reacts with strong oxid Conditions to avoid	lizing ag	gents		:		;	1		:**		
No data available	с. С.	· · .		11. 1			· · .	11. 1		· · .	···.

Incompatible materials:			· · .	 · · .	· · .	 · · .	
Oxidizing agents							
Hazardous decomposition products	3:	. * *					
Metal oxide fume							
Selenium dioxide (SeO2)	1						

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects									
Acute toxicity:									
Toxic if inhaled.		· · ·	· · .	1	· · ·	11		11	
Toxic if swallowed.		- 1 - 1 - 1	-						
LD/LC50 values that are relevant for cla	ssificatio	on: No	data						
Skin irritation or corrosion: May cause ir	ritation						111		
Eye irritation or corrosion: May cause irr Sensitization: No sensitizing effects kno		··	··.,			··.		··	
Germ cell mutagenicity: No effects know	vn.			1 1 1			: 		
Carcinogenicity:									
No classification data on carcinogenic p	roperties	s of this	s material	is avai	lable fro	om the EF	PA, IAR	С,	
NTP, OSHA or ACGIH.	. :								
Reproductive toxicity: No effects known									
Specific target organ system toxicity - re	peated	exposu	ire:	1 1 1					
May cause damage to the central nervo			liver and	the dig	estive s	system thi	rough		
prolonged or repeated exposure. Route	ofexpo		Dral, Inhal	ative.					
Specific target organ system toxicity - si	ngle exp	oosure:	No effec	ts kņow	'n.,,	· · .		· · .	
Aspiration hazard: No effects known. Subacute to chronic toxicity: No effects	known.		:						
Additional toxicological information:		1							
To the best of our knowledge the acute									
Carcinogenic categories		· · .	· · ·		· · .			· · .	

			1	:		ı	1			1	,
OSHA-Ca (Occupationa		y & Healt	th Admi	nistrati	on), ,			· · .		· · .	
Substance is not listed.											
				,			,				
SECTION 12. E	ECOL	OGIC	AL I	NFO	RMA	ΓΙΟΝ	:	1	111	;	
Toxicity	· · .	11. 1		11. 1	· · .		11. 11.	9. 1		· · .	
Aquatic toxicity:											
No data available				I	,		I			1	
Persistence and degrac	dability	1	111	1	r.	;··	1		;··	:	
No data available	ı										
Bioaccumulative potent	tial			· · ·				11		11. 1	
No data available											
Mobility in soil											
No data available			1 1 1 1								
Ecotoxical effects:											
Remark:	· · .									11	
Very toxic for aquatic o	rganism	าร									
Additional ecological inf	formatic	on:									
Do not allow product to	reach (groundwa	ater, wa	iter cou	irses, or	sewage :	system	s, even i	n small		
quantities.		· · .									
Danger to drinking wate										1	
Also poisonous for fish	and pla	ankton in	water b	odies.	1	н 1. т.			н 1. т.	. * *	
May cause long lasting			to aquat	itic life.							
Avoid transfer into the e	environ	ment.			н 1 - 1	;**			:**		
Very toxic for aquatic o	rganism	ns		· · .			· · .	· · .			
Results of PBT and vPv	vB asse										
PBT: N/AvPvB: N/A											
Other adverse effects											
No data available		н 1 - 1			н н н			н н н			

SECTION 13. DISPOSAL CONSIDERATIONS Waste treatment methods Recommendation Consult official regulations to ensure proper disposal. Uncleaned packagings: Recommendation: Disposal must be made according to official regulations. UN-Number DOT, IMDG, IATA UNJ283 UN proper shipping name DOT Selenium compound, solid, n.o.s. (Bismuth(III) selenide) IMDG, IATA SELENIUM COMPOUND, SOLID, N.O.S. (Bismuth(III) selenide) Transport hazard class(es) DOT Class 6.1 Class 6.1 (T5) Toxic substances Label 6.1 IMDG, IATA				,						1		
Recommendation Uncleaned packagings: Recommendation: Disposal must be made according to official regulations. SECTION 14. TRANSPORT INFORMATION UN-Number DOT, IMDG, IATA UN3283 UN proper shipping name DOT Selenium compound, solid, n.o.s. (Bismuth(III) selenide) IMDG, IATA SELENIUM COMPOUND, SOLID, N.O.S. (Bismuth(III) selenide) Transport hazard class(es) DOT Class 6.1 Class 6.1 Class 6.1 (T5) Toxic substances Label 6.1 MDC Class 6.1 (T5) Toxic substances Label 6.1	SECTION 1	3. DISP	POSAL		ISID	ERAT	IONS		•••		· · .	•••
Consult official regulations to ensure proper disposal. Uncleaned packagings: Recommendation: Disposal must be made according to official regulations. SECTION 14. TRANSPORT INFORMATION UN-Number DOT, IMDG, IATA UN3283 UN proper shipping name DOT Selenium compound, solid, n.o.s. (Bismuth(III) selenide) IMDG, IATA SELENIUM COMPOUND, SOLID, N.O.S. (Bismuth(III) selenide) Transport hazard class(es) DOT Class 6.1 Toxic substances. Label 6.1 Class 6.1 (T5) Toxic substances Label 6.1	Waste treatment r	nethods										
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UN-Number DOT, IMDG, IATA UN3283 UN proper shipping name DOT Selenium compound, solid, n.o.s. (Bismuth(III) selenide) IMDG, IATA SELENIUM COMPOUND, SOLID, N.O.S. (Bismuth(III) selenide) Transport hazard class(es) DOT Class 6.1 Toxic substances. Label 6.1 Class 6.1 (T5) Toxic substances		:			1	1 1 - 1						
UN-Number DOT, IMDG, IATA UN3283 UN proper shipping name DOT Selenium compound, solid, n.o.s. (Bismuth(III) selenide) IMDG, IATA SELENIUM COMPOUND, SOLID, N.O.S. (Bismuth(III) selenide) Transport hazard class(es) DOT Class 6.1 Toxic substances. Label 6.1 Class 6.1 (T5) Toxic substances	SECTION 1	4. TRA	NSPO	RTIN	FOR	RMAT	ION					
UN proper shipping name DOT Selenium compound, solid, n.o.s. (Bismuth(III) selenide) IMDG, IATA SELENIUM COMPOUND, SOLID, N.O.S. (Bismuth(III) selenide) Transport hazard class(es) DOT Class 6.1 Toxic substances. Label 6.1 Class 6.1 (T5) Toxic substances' Label 6.1	UN-Number	·										
Selenium compound, solid, n.o.s. (Bismuth(III) selenide) IMDG, IATA SELENIUM COMPOUND, SOLID, N.O.S. (Bismuth(III) selenide) Transport hazard class(es) DOT Class 6.1 Class Class Class Class Class Class Class Class Class		ng name		111	;	: . : .		:	н 1 - 1	:	:	
IMDG, IATA SELENIUM COMPOUND, SOLID, N.O.S. (Bismuth(III) selenide) Image: I	DOT		· · .	, , ,	· · · .				11		· · ·	
Transport hazard class(es) DOT 11		ınd, solid, n	.o.s. (Bis	muth(III)	selenic	le)	1 1 - 1		1	, , ,	. * *	;
Transport hazard class(es) DOT 11	SELENIUM COM	POUND, SO	OLID, N.C	D.S. <u>(</u> Bisr	nuth(II	l) selenic	le)					
6.1 Toxic substances. Label 1.1 101 111 111 111 111 111 111 111 111	Transport hazard	class(es)										
Label 11	Class											
6.1 .	6.1 Toxic substan	ces.										
Class 6.1 (T5) Toxic substances 6.1 and	Label		н 1 - 1									
Label 6.1 ··· ··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	Class											
	6.1 (T5) Toxic sub	stances		н 1 — 1			н 1 — 1	. * *	:	н 1 — 1		
				111		: 	;···			: • •		
			· · ,		· · .	•••		· · ·	•••		· · .	···,

				-			1				
Class		· · .			··.	. :	· · .			· · .	
6.1 Toxic substances											
Label				1		: 					
6.1											
Packing group	1		1	:		1	1		1		
DOT, IMDG, IATA		· · ,		· · .	· · .		11. 1	· · .		· · .	
III					-			;			
Environmental hazar				I			i.				
Environmentally haza	ardous su	ubstance	, solid	:			1				
Special precautions f	for user			,			ł				
Warning: Toxic subs	tances	· · ,		11	· · ·		· · ·	· · · .		11	
EMS Number:						:					
F-A,S-A											
Transport in bulk acc	ording to	Annex I	II of MAR	RPOL73	8/78 and t	he IBC (Code		:		
N/A											
Transport/Additional	informati	on:			· · ·					11	
DOTMarine Pollutant	t (DOT):					:					
No											
UN "Model Regulatio	on":		111		1 1 1	111			111		
UN3283, Selenium c	ompound	d, solid, r	1.o.s. (Bi	smuth(II) seleni	de), 6.1,	III , ,	··.	. :	· · .	
SECTION 15.							i.			,	
				:	1						
Safety, health and er	nvironme	ntal regu	lations/le	egislatio	on specifi	c for the	substa	nce or m	nixture		
GHS label elements										· · .	
The product is classi	fied and l	labeled i	n accord	ance w	ith 29 CF	R 1910	(OSHA	HCS)			
Hazard pictograms											
GHS06							1				
GHS08											
Signal word: Danger											

Hazard statements H301+H331 Toxic if swallowed or if inhaled. H373 May cause damage to the central nervous system, the liver and the digestive system through prolonged or repeated exposure. Route of exposure: Oral, Inhalative. Precautionary statements P260 Do not breathe dust/fume/gas/mist/vapors/spray. P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P405 Store locked up. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. National regulations All components of this product are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical substance Inventory. All components of this product are listed on the Canadian Domestic Substances List (DSL). SARA Section 313 (specific toxic chemical listings) 12068-69-8 Bismuth(III) selenide California Proposition 65 Prop 65 - Chemicals known to cause cancer Substance is not listed. Prop 65 - Developmental toxicity Substance is not listed. Prop 65 - Developmental toxicity, female Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Information about limitation of use:

For use only by technically qualified individuals.

This product is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40CFR372.

Other regulations, limitations and prohibitive regulations

Substance of Very High Concern (SVHC) according to the REACH Regulations (EC) No. 1907/2006. Substance is not listed.

The conditions of restrictions according to Article 67 and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the market and use must be observed.

Substance is not listed. Annex XIV of the REACH Regulations (requiring Authorisation for use) Substance is not listed.

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.