

SAFETY DATA SHEET

		: * *	÷	1.1	111	:		:**	Date	Accesse	d: 25/08	8/2023
				1 1 - 1			1 1 - 1		Dat	e Revise	ed: 26/11	/2022
	1.			1. 		.1	1			1		
SEC	CTION	1. IC	DENT	IFICA								
	uct Name						¹		t.	'	: ' '	t,
	#: 7429-9				:							
Relev	vant iden	tified u	ses of	the subs	stance: S	Scienti	fic resea	rch and	develo	opment	1	.:
	vant iden lier detai		ses of t	the subs	stance: S	Scienti	fic resea	rch and	develo	opment		.:
Supp		ils:	,			1		,		-		•
Supp Stanfo	lier detai	i ls: nced Ma	aterials	¹		1	fic resea	,		-		•
Supp Stanfo E-mai	lier deta i ord Advar	i ls: nced Ma)samate	aterials rials.co	um			*					
Supp Stanfo E-mai Tel: (§	l ier detai ord Advai il: sales@	i ls: nced Ma)samate 8904	aterials rials.co	' m 								

SECTION 2. HAZARDS IDENTIFICATION

Classification of	f the sub	stance	or mixtur	e in acc	ordanc	e with 29	CFR 19	910 (OS	SHA HCS)		
The substance	is not cla	assified	accordin	g to the	Globa	lly Harmor	nized S	ystem (GHS).		
Hazards not oth	erwise (classifi	ed	·	ł		,				
No data availab	le _{, , ,}	:			:		; • •	e l'		: * *	:
GHS label elem	ents										
N/A											
Hazard pictogra	ims		1		.1	с. Стал			1		
N/A											
Signal word	: * *	1								: • •	÷
N/A			н 1 - 1	1			:			-	

				:		1	1		1 1 1	1	
Hazard statements						1					
N/A											
WHMIS classification		`			1			1			
Not controlled											
Classification system					' 						
HMIS ratings (scale 0-4) , · ·										
(Hazardous Materials Ic	lentific	ation Sy	stem)	:	1			·		.:	·
HEALTH				,							
FIRE	.'		: "	. '					:**		
REACTIVITY1											
1 [,]											
1 ,		1			1			1		.:	·
Health (acute effects) =	1										
Flammability = 1				1						:	
Physical Hazard = 1					1						
Other hazards			:						:		
Results of PBT and vPv	Basse	essment			1			1			÷.,
PBT:											
N/A	1			1	¹			1.1		÷.	
vPvB:											
N/A			,			ı					
		1.00		.:	1. 1. 1.			1.00		.:	1.1

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances			1									
CAS No. / Subst	ance N					·			·		:	
7429-91-6 Dyspi		1		1	1		1	1		1		
Identification nur):					111	.'				
EC number:					,							
231-073-9			, , ,			1 1 - 1			н 1 1.			

SECTION 4. FIRST AID MEASURES

Description of first aid measures 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. Seek immediate medical advice. In case of eye contact: Rinse opened eye for several minutes under running water. Consult a physician. If swallowed: Seek medical treatment. Information for doctor Most important symptoms and effects, both acute and delayed No data available Indication of any immediate medical attention and special treatment needed No data available **SECTION 5. FIREFIGHTING MEASURES** Extinguishing media Suitable extinguishing agents Special powder for metal fires. Do not use water. For safety reasons unsuitable extinguishing agents Water Special hazards arising from the substance or mixture If this product is involved in a fire, the following can be released: Metal oxide fume Advice for firefighters

Protective equipment:

Near self-contained respirator.									
Near fully protective impervious suit.									
generation of the second s			1			1. A.		.:	
SECTION 6. ACCIDENTA		LEA	SE M	EASI	JRES	5	; • •	t.	
Personal precautions, protective equipn	nent and	d emer	gency pr	ocedure	S .				
Jse personal protective equipment. Kee	ep unpro	otected	l persons	away.		·			
Ensure adequate ventilation									
Environmental precautions:		. '							
Do not allow material to be released to								i	
Methods and materials for containment	and cle	anup:	1 1 - 1	1	. * *	н 1 — 1			
Pick up mechanically.			1		.:	5			
Prevention of secondary hazards:									
lo special measures required.	: • •		¹		:				
Reference to other sections									
See Section 7 for information on safe h	andling				. * *				
See Section 8 for information on persor	nal prote	ection e	quipmen	t.	.:	1.1		1	
See Section 13 for disposal information									
	111			111			111		
	:			:					
SECTION 7. HANDLING	AND	STO	RAGE			1 1	i.	1	
fandling			1		.:	1.1			
Precautions for safe handling									
Keep container tightly sealed.					÷		; • •	i.	
Store in cool, dry place in tightly closed	contain	ers.							
nformation about protection against ex	plosions	and fi	res:						
lo data available		. '			. '			. '	
Conditions for safe storage, including a	ny incon	npatibi	lities						
Requirements to be met by storerooms	and rec	eptacle	es:	1			1		

No data availab	le _,	1	'	1.1.1 1		'	1 A A			;**	ľ	
Specific end us				,			,	,		ĩ		
Store in cool, dr	y conditi	ons in	well-se	ealed cont	ainers.	·		1	1			
Keep container	tightly se	ealed.				н 1 — 1		. * *	1 1 - 1			
Further informa	tion abou	ut stor	age cor	nditions:				1		1		
Store away from	0											
Store away from	n acid ch	loride	S.									
Do not store tog												
Information abo	ut storag	je in o	ne com	mon stora	age fac	ility:		. * *		-		

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information ab	out de	sign of teo	hnical s	ystem	S				: • •	i.
Properly operating chem	ical fun	ne hood d	esigned			1		having an	averag	е
face velocity of at least 1		per minu	te.							
Control parameters								1		1
Components with limit va	alues th	at require	monito	ring at	the workp	lace:No	one.			
Additional information:	:		: · ·	1			:		111	i.
No data			}						-	
Exposure controls										
Personal protective equi	pment	1 			1					
Follow typical protective	-	•	ctices fo		-					
Keep away from foodstu	ffs, bev	erages ar	nd feed.			1.1.1				
Remove all soiled and co	ontamir	nated cloth	ning imn	nediate	ely.					
Wash hands before brea	iks and	at the end	d of wor	k.	·					:
Maintain an ergonomical	lly appr	opriate wo	orking e	nvironr	ment.					1
Breathing equipment:		'								
Use suitable respirator w	/hen hig	gh concen	trations	are pr	esent.					
Protection of hands:					н 1 — 1					

Impervious glove	S										
Inspect gloves pr											
Suitability of glov by	es sho	uld be				terial and					
manufacturer.		:		111	; '	¹	111		¹	: **	:
Penetration time	ofglov	ve mate	erial (in n	ninutes)							
No data available	;										
Eye protection:			1		. 1	1			1.1		. :
Safety glasses											
Body protection:		:	¹	111	:			1	'	111	:
Protective work c	lothing) ,			. • •						

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

			· · ·					1			1	ŀ
Information on ba	asic phys	sical an	d chemic	al prop	erties							
Appearance:				1		н 1 — 1			н 1 - 1		. 11	,
Form: Solid in va	rious for	ms	·			1. 			1		.:	,
Color: Grey to silv	ver											
Odor: Odorless	; • •	;						:		; • •	:	,
Odor threshold: N pH: N/A	lo data a	availab		:			8 8 8			:		
Melting point/Mel	ting rang	ge: 141	2 °C (257	4°F)		1			1		.1	
Boiling point/Boili	ng range	e: 2567	′ °C (4653	°F)								
Information on basic physical and chemical properties Appearance: Form: Solid in various forms Color: Grey to silver Odor: Odorless Odor threshold: No data available. pH: N/A Melting point/Melting range: 1412 °C (2574 °F) Boiling point/Boiling range: 2567 °C (4653 °F) Sublimation temperature / start: No data available Flammability (solid, gas) No data available. Ignition temperature: No data available Decomposition temperature: No data available Autoignition: No data available. Danger of explosion: No data available.												
				1		.:	1		. :			,
Ignition temperate	ure: No d	data av	ailable	, ' , '		1 		.1	1			
					a' -		: "	e'			e'	
Danger of explos	ion: No d	data av	ailable.				÷					

:				111			1.1.1	:				
Explosion limits:												
Lower: No data a Upper: No data a			5			5		.:	5		.:	·
Vapor pressure: I	N/A											
Density at 20 °C	(68 °F): 8.55	g/cm			'	111	i l				'
3,			, , ,	}								
(71.35 lbs/gal)			·					:	·			
Relative density					ı			ı				
No data available).				. '		111			111		
Vapor density												
N/A						, , ,						
Evaporation rate			1		. :	1		.:	1			÷.,
N/ASolubility in V	Vater (Н										
2	: • •			: * *			111			111		
O): Insoluble												
Partition coefficie	ent (n-c				availab	le.	i					
Viscosity:			1			1.00			1			1
Dynamic: N/A												
Kinematic: N/A			¹			¹						
Other information	1								. :			
No data available	9											
			1.0			1.0		, í	100	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -		1.1

SECTION 10. STABILITY AND REACTIVITY

Reactivity											
		1	·		;	·		1	·	 ;	
					ï						
Reactivity No data available Chemical stability Stable under recommended storage conditions. Thermal decomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications.						 					
Thermal decomp	No data available Chemical stability Stable under recommended s Thermal decomposition / cond										
Decomposition v	data available emical stability ble under recommende ermal decomposition / o			nd stored	d accor	ding to s	pecificat	ions.			

				,				:				
Possibility of haza	irdous	s react	ions							-		
Spontaneously fla												
Conditions to avoi	id					'		. :	1 			·
No data available												
Incompatible mate	erials:				1	'		1				'
Acids	-			:						-		
Air Acid chlorides		,÷	·	, ^{, ,}	.:			.1			.:	·
Halogens	; • •	:	¹		: '		; · ·	: 1		111	÷	'
Hazardous decom	•	•										
Metal oxide fume	1	. * *					:			:	. **	
		.:										۰.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological e									
Acute toxicity:		:							
No effects known.						1			÷.,
LD/LC50 values that are relev	vant for cla	ssificati	on:						
No data		: • •	:	 	:		: ' '	1	'
Skin irritation or corrosion:									
No irritant effect.									
Eye irritation or corrosion:									·
May cause irritation									
Sensitization:	· · · ¹			 	1			i.	'
No sensitizing effects known.									
Germ cell mutagenicity:	·								
No effects known.		. '	, '		. '				
Carcinogenicity:			. '	 	. '				
No classification data on carc									
NTP, OSHA or ACGIH.	1 1 - 1	1							

	,			1			1				
Reproductive toxicity:											
No effects known.											
Specific target organ sy	vstem to	oxicity - re	epeated	l expos	ure:			1			·
No effects known.		-		·							
Specific target organ sy	vstem to	oxicity - s	ingle ex	posure	:No effec	ts know	'n.		111	1	'
Aspiration hazard:					н 1 - 1	1			:		
No effects known. Subacute to chronic tox			. '			, ¹		·			·
No effects known.	:			:			÷		;**	:	'
Additional toxicological											
To the best of our know	ledge t	he acute	and ch	ronic to	oxicity of t	his subs	stance i	s not fully	/ known.		

SECTION 12. ECOLOGICAL INFORMATION

Toxicity											
Aquatic toxicity:					н н н			· · ·			
No data available	.1	1						1			
Persistence and degrac	lability										
No data available	:		; • •					¹	; • •	:	
Bioaccumulative potent	ial										
No data available											
Mobility in soil	.:	1			1 						
No data available											
Additional ecological inf	ormatio	n:						' 		:	
Do not allow material to	be rele	ased to th	e envir	onment	t without o	fficial p	ermits.				
Do not allow undiluted product or large quantities to reach groundwater, water courses, or sewage											
systems.			, '			.'					
Avoid transfer into the e	environn	nent.				; • •	:		; • •		
Results of PBT and vPv	/B asse	ssment									
PBT:											

Other adverse No data availa	 a'	*	111	a'	*	:	÷		111	:	
vPvB: N/A	.1	1		.1	1		.1	1	11		۰.
			1			÷					

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods	'				: * *	 	111	1	
Recommendation									
Consult official regulations to	ensure pr	oper dis	posal.			 			
Uncleaned packagings:	1		.:	1		5			
Recommendation:									
Disposal must be made accor	ding to of	ficial reg	gulation	S.,					

SECTION 14. TRANSPORT INFORMATION

UN-Number												
DOT, ADN, IM	DG, IATA							1		: 11	1	
N/A UN proper ship							-			1		
DOT, ADN, IM			н н н		.:				'			·
N/A												
Transport haza	ard class(es)DOT	r, Adr, Ad	DN, IME	DG, IAT	ΓA						
Class	1		1 1 1				1					. ,
N/A Packing group		.:	'		;	1		.÷	1	et.	.:	•
DOT, IMDG, IA N/A	ATA	;	'	:	:	*	;••	: ¹			:	
Environmental	hazards:		н н н				:					

1	1		1							
N/A										
Special precautions for										
N/A			.1	1 			1 		.1	'
Transport in bulk accore	-									
N/A		: * *		· · *	;		'	; • •	:	'
Transport/Additional inf	ormation:			н 1 — 1			, , ,			
DOT Marine Pollutant (DOT)			.:	·	. '		·		.1	÷.,
		: ' '	1	'	; • •	ť	'	: • •	:	'
le li di di			. • •		-					
SECTION 15. F	REGULAT	ORY	INFC	ORMA	TION	.:	5		.:	·
Safety, health and envi	ronmental regu	lations/le	gislatio	on specifi	c for the	substa	nce or m	nixture		
GHS label elements		: * *			:**			111	t.	'
N/A				. :			. :			
Hazard pictograms										
				1			1			·
Signal word										
N/Å				'			'	111		'
Hazard statements				н 1 — 1	:					
N/A	ji tu		.:	5		.:	5			•
National regulations										
All components of this p							•			,
Substances Control Ac	t Chemical sub	stance In	ventor	y.	,					
All components of this p	product are liste	ed on the	Canad	lian Non	-Domest	ic Şubs	staņçes L	ist (NDS	L)., • •	
SARA Section 313 (spe	ecific toxic chen	nical listir	ngs)	·		1	·		:	·
Substance is not listed.			,		ı					
California Proposition 6	5			'						
Prop 65 - Chemicals kn										
Substance is not listed.				, , ,						
1 I I			1			1			1	

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. 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.