

SAFETY DATA SHEET

		1					; · ·	Date	Accessed	d: 25/08	/2023
			н н н			н н н		Dat	e Revised	d: 10/01	/2023
	1.	;		1. 1.		;			:	1997 - 19	i.
SECTIO	N 1. ID	ENT	IFICA	TION							
								1			1
Product Nan CAS #: 1203				. '		1 1					
Relevant ide	ntified us	ses of t	he subs	tance: S	Scientif	fic resea	rch and	develo	opment	14	: '
Supplier det											
Stanford Adv				111						: * *	`:
E-mail: sales(-										
Tel: (949) 407 Address: 236							. '	. '		. '	. '
Address. 200		ין רבו ג'					· .			1. 1.	:
SECTIO					IFIC	ATIO	N			:	
Statement of	Hazard:	1				н н н					
Flammable so	olid, Irritar										
Flammable so Acute Health	olid, Irritar Hazard:	nt, Resp	piratory in	ritant	-	:	Ч.,	a'	af i	°ч,	÷
Flammable so Acute Health Irritant to eye	olid, Irritar Hazard: s, skin, m	nt, Resp ucous r	biratory ir membrar	ritant nes and r	respirat	tory syste	Ч.,	a'	af i	°ч,	÷
Flammable so Acute Health Irritant to eye May be harm	olid, Irritar Hazard: s, skin, m ful by inge	nt, Resp ucous r estion, s	biratory ir membrar skin abso	ritant les and r orption a	respirat nd inha	tory syste	em.				÷
Flammable so Acute Health Irritant to eye May be harm Chronic Healt	olid, Irritar Hazard: s, skin, m ful by inge th Hazard	nt, Resp ucous r estion, s	biratory ir membrar skin abso	ritant les and r orption a	respirat nd inha	tory syste	em.				
Statement of Flammable so Acute Health Irritant to eye May be harm Chronic Healt Not Available HMIS Rating:	olid, Irritar Hazard: s, skin, m ful by inge th Hazard	nt, Resp ucous r estion, s	biratory ir membrar skin abso	ritant les and r orption a	respirat nd inha	tory syste	em.				
Flammable so Acute Health Irritant to eye May be harm Chronic Healt Not Available HMIS Rating:	olid, Irritar Hazard: s, skin, m ful by inge th Hazard	nt, Resp ucous r estion, s I:	biratory ir membrar skin abso	ritant les and r orption a	respirat nd inha	tory syste	em.				
Flammable so Acute Health Irritant to eye May be harm Chronic Healt Not Available	olid, Irritar Hazard: s, skin, m ful by inge th Hazard	nt, Resp ucous r estion, s	biratory ir membrar skin abso	ritant nes and r orption a	respirat	tory syste	•••. •m.				

					1				
thoroughly investigated. Use appropria	te proce	dures a	and preca	autions t	o preve	ent or mir	nimize		
exposure.									
NFPA Rating						t.	14		
H: 1 F: 2	; · ·	· .					: • •		
R: 0						i.	. '	. '	
GHS Classification in accordance with	· · ·	1910 (05на н	(5):	e l'	: ¹	1. 1.	:	
Acute toxicity, dermal (Category 4), H3									
Acute toxicity, inhalation (Category 4),							:**		
Acute toxicity, oral (Category 4), H302I				gory 1), I	H228				
Serious eye damage/eye irritation (Cat		A), H31	9	1		1			
Skin corrosion/irritation (Category 2), H	1315		:	1. 1.	t.		14	1	
Specific target organ toxicity, single ex	posure; l	Respira	atory trac	t irritatio:	n (Cate	egory 3),	H335		
Pictogram:	: • •				1				
Signal Word: Warning									
Hazard Statement(s):		;		1. 1.			1. 1.	1	
H228 Flammable solid.									
H302 Harmful if swallowed.	111				1		: * *		
H312 Harmful in contact with skin.									
H315 Causes skin irritation.	. '	, '		. '			. '		
H319 Causes serious eye irritation.		:		· .		: É	14	1	
H332 Harmful if inhaled.									
H335 May cause respiratory irritation.	111			111			:**		
Precautionary Statement(s):									
P210 Keep away from heat/sparks/ope	en flames	s/hot sı	urfaces	— No					
smoking.			:	· · .	:	t,	14		
P240 Ground/bond container and rece	iving equ	uipmen	t.						
P241 Use explosion-proof electrical/ve			. * *						
P261 Avoid breathing dust/fume/gas/m	-						2	1	
5	(°	1.14	-						

P280 Wear protective gloves/protective clothing/eye protection/face

protection.

P301+P312 IF SWALLOWED: call a POISON CENTER or doctor/physician

IF you feel unwell.

P302+P352 IF ON SKIN: wash with plenty of soap and water.

P304+P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

bieauning.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P332+P313 IF SKIN irritation occurs: Get medical advice/attention.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Neodymium sulfide 99.9% CAS Number: 12035-32-4

SECTION 4. FIRST AID MEASURES

Eye Contact: Flush eyes with large amounts of water for fifteen minutes. Separate eyelids with fingers. If irritation persists, seek medical attention. Skin Contact: Wash skin with soap and water. If irritation persists, seek medical attention. Ingestion:Do not induce vomiting. Seek medical attention. Inhalation: Move to a fresh air environment. Contact a physician if breathing becomes difficult.

SECTION 5. FIREFIGHTING MEASURES

Flash Point (°C): Not Available

Explosion Limits: Not Available

Autoignition (°C): Not Available

Extinguishing Media: Carbon dioxide, dry chemical powder, alcohol-resistant foam, or water spray

Protective Equipment: Wear self-contained respirator and fully protective impervious suit.

Specific Hazards: May emit hazardous fumes under fire conditions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Protection:

Wear a self-contained breathing apparatus, rubber boots and gloves, and disposable coveralls. Dispose of coveralls after use. Remove from ignition sources if safe to do so. Follow emergency response plan and

contact proper authorities if needed.

Keep unprotected persons away.

Environmental Protection:

Keep spills out of sewers and bodies of water. Dike and contain the spill with inert material. Absorb on sand, vermiculite or diatomite.

Transfer material to a container for disposal or recovery. Ventilate area and wash spill site after material pickup is complete.

SECTION 7. HANDLING AND STORAGE

Handling and Storage:

Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Use only in a chemical fume hood. Open and handle container with care. Keep ignition sources

away. Store in a tig	ghtly closed	container i	n a dry,	well-ve	entilated p	lace.				
Sensitivities:										
Not Available		i'					:		· · .	
Storage Temperat	. ,									
15 to 30										
	· · · · · ·	н н н			н н н		1	н н н		
SECTION 8	EXPOS		ONT	ROL	S/PE	RSON	NAL	el la	1. 1.	, , ,
PROTECTIO										
Engineering Contr										
Use product in a w		l area or u	nder a f	ume h		oroper				
lab equipment whi						proper				
incompatible mate						· .			· .	
Eye Protection:We						safety	aonales	Maka		
sure that there is a		-			onennear	Salety	goggiet	, marc		
	in eyewasin s	station in y		iity.	1 I					
Skin Protection:	·			. '		· .			• .	
Wear impervious g		otective c	lothing.	1	1	1	1	1	1	
Respiratory Protect										
Use a NIOSH app	roved respira	itor when	exposur	e limits	are exce	eded or	~		,	:
if irritation or other	symptoms a	re experie	nced.		н н н					

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder					1	 	1
Odor: Not Available	н н н		н н н				
Odor Threshold: Not Available		·		· .		·	
Flash Point (°C): Not Available							
Autoignition (°C): Not Available		1 1 1 1			· .	 ; • •	
UEL % by Volume: Not Availabl	е						
LEL % by Volume: Not Available	Ð					 	

Melting Point (°C): Not Available									
Boiling Point (°C): Not Available									
Evaporation Rate: Not Available	14.	;		11			14		
pH Value: Not Available Density (g/cm		1							
3			н н н			н н н			
): 5.46 Refractive Index (n²ºD): Not Available	14. 14.	e ^r	e'		i'	:	14. 14.	:	:
Viscosity: Not Available Solubility in Water: Not Available									
Solubility in Other: Not Available						1			
Vapor Pressure (mmHg): Not Available)	;		1. 1.		÷	1. 1.		:
Vapor Density (Air=1): Not Available									

					i				
SECTION 10. STABILIT	Y AND) RE	ΑΟΤΙ	/ITY					
Stability:	1.	:	:	· .	:	t'	1. 1.	1	:
Stable under normal temperatures an	nd pressu	res.							
Incompatibility:							: * *	`: 	. '
Strong oxidizing agents									
Reactivity:									
Product may react with incompatible	materials	to relea	ase other	hazardo	ous sub	stances.		1	:
Conditions to Avoid:									
Heat, flame, sparks, other ignition so	urces.	1	. **	111				1	. '
Hazardous Decomposition Products:			н н н			н н н		$\mathcal{A}^{(1)}$	
Neodymium oxides, Sulfur oxides				· ,					

SECTION 11. TOXICOLOGICAL INFORMATION

RTECS Reference: Not Available

			. * *			. * *						
Target Org	gans: Not Av	/ailable										
	ata: Not Ava	ilable										
Carcinoge	nicity:	: É	:	14. 14.	:	÷,		1 C	e ⁿ		1	
National To	oxicology P	rogram	· · ·									
Internation	al Agency f	or Rese	arch on	Cancer (IARC)	listed:	1.1	1			1	. 1
Not Availal	ble											
Potential S Not Availal		:	4 4 4		:'	al l			af i	*•.		;
	1.1.1 1.									:**	1	. 1
SECTI	ON 12.	ECOI	LOGI		NFO	RMA ⁻	ΓΙΟΝ		1 I			8
Toxicity: Not Availal		a'	i'	1.	;	al a			af l	¹ 4.	4 4 4	;
		1		1	1		i i i			1		. '

SECTION 13. DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service. Dispose in a manner consistent with federal, state and local environmental regulations.

SECTION 14. TRANSPORT INFORMATION

DOT/IMDG-IATA Shipping Name: Flammable Solid, Inorganic, N.O.S.

UN3178											
Class 4.1		1		,				1			;
PGII			н н н			1 1 1			н н н		
DOT UN Number DOT Hazard Clas	1.	1	:	1. 1.	:		1.	;		1.	:
DOT Packing Gro IMDG Shipping N		SII		; • •	`.		: · ·				1
Flammable Solid,		inic, N.(1 - 1 1					

SECTI United Sta Superfund	ates	с. С.	s and F	1 1 1	ORY							2	
Superfund		dments			14. 14.	:							
	d Amen	dments		Reauthor				1.			14	i.	
NI				Cuulio	ization A	Act (SA	RA 313)	listed:					
No					111				1			1	
European	Union												
European 234-820-7		ory of E	Existing	Chemic			(EINECS	-	:'	:	14. 14.	ť	
Canada Toxic Sub							- 1 - 1 1	;	`: `:			1	
Yes				1 - 1 1			1 - 1 1						
Superfune No	d Amen	dments	s and F	Reauthor	ization A	Act (SA	RA 302)	listed:	;	:	1.	1	
Superfun	d Amen	dments	s and F	Reauthor	ization A	Act (SA	RA 311/3	812) _, liste	d:				
No													
Canadian	Domes	stic Sub	ostance	es List (E	OSL) liste	ed:							
No		1. 1.		:	÷.,	:		1. 1.	:	:	1. 1.	i.	
Canadian	Non-D	omesti	c Subs	tances L	ist (NDS	SL) liste	ed:						
Yes		; · ·			;**			;••			;**	1	

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.