

SAFETY DATA SHEET

							1	: * *	Date	Accesse	ed: 25/08	8/2023
			'	н 1 - 1		¹			Dat	e Revise	ed: 27/12	2/2022
.:	:	· :		}	1	.:		1	.: .:	:		.:
_	TION				_							
	ct Name:				111		1	111			111	
	4: 7440-06						н 1 - 1					'
	ant identi											
	ier details			,	,	1	,	ĩ		,	,	ł
	rd Advand : sales@s			1			`:	;		`:	;	
Tel: (9	49) 407-8	904		1 1 - 1			н 1 — 1					
Addres	ss: 23661	Birtche	er Dr., L	_ake Fore	est, CA 9) 2630 l	J.S.A.					
.:			.:			.:		1			18	. :
			.:			.:	1	1	.:			. :
SEC												
		2. H/	AZAI	RDS I	DENT	IFIC		N		1	:	
Classif	TION	2. H /	AZAI	RDS I	DENT	IFIC		N :*** .**			:** :**	
Classif Classif	TION	2. H the sul	AZAI bstance g to Re	RDS I	DENT ure (EC) No	TIFIC	ATIO 2008	N ==== 				 * .2
Classif Classif	TION fication of fication ac ubstance i	2. H the sul ccording s not cl	AZAI bstance g to Re lassified	RDS I e or mixtu gulation d as haza	DENT ure (EC) No ardous to	1272/2 health	ATIO	N 	ent acc	cording to	o the CLF	
Classif Classif The su regula	TION fication of fication ac ubstance i	2. H the sul ccording s not cl	AZAI bstance g to Re lassified	RDS I e or mixtu gulation d as haza	DENT ure (EC) No ardous to	TIFIC 1272/2 health	ATIO	N 	ent acc	cording to	o the CLF	
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Classif Classif The su regular Classif N/A	FION fication of fication ac ubstance i tion. fication ac	2. HA	AZAI bstance g to Re lassified	RDS I e or mixtu gulation d as haza ective 67	DENT ure (EC) No ardous to	TIFIC 1272/2 b health C or D	ATIO	N nvironmo 999/45/E	ent acc	ording to	o the CLF	· · · ·
Classif Classif The su regular Classif N/A Inform	FION fication of fication ac ubstance i tion. fication ac	2. H the sul cording s not cl cording	AZAI bstance g to Re lassified	RDS I e or mixtu gulation d as haza ective 67	DENT ure (EC) No ardous to	TIFIC 1272/2 b health C or D	ATIO	N nvironmo 999/45/E	ent acc	ording to	o the CLF	· · · ·

No data available

											:
Label elements				'							
Labelling according t	o Regula	tion (EC) No 127	2/2008							
N/A											
Hazard pictograms											
N/A											
Signal word	*			¹			'	: 			
N/A	.:	1	с. С.	1	:			:	4		
Hazard statements		1		ı							
N/A									;••		
WHMIS classification											
Classification system	ייי ^י			'			· · · '	: 			
HMIS ratings (scale (0-4)			.1	1				1		
(Hazardous Materials	s Identific	cation Sy	stem)								
HEALTH								1			
FIRE				'							
REACTIVITY											
0, : :							.1				
0											
0			111			111		1	111		1
Health (acute effects	;) = 0			¹							
Flammability = 0											
Physical Hazard = 0	. '	1	1	, '	;	;	. '	:	1		
Other hazards		с. 1			<u>.</u>						
Results of PBT and v	/PvB ass	essment									;
PBT:				¹			¹	: .		¹	
N/A									4		
vPvB:											
N/A			1.1.1			1 1 1 1 1					1
et in the										¹	

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances			.1			.:		· ·		
CAS No. / Substance Name	:									
7440-06-4 Platinum					; • •		1	111		
Identification number(s):			1			1				
EC number:										
231-116-1	:				1	.1				
			1.1.1	·	:			111		
SECTION 4. FIRS		MEAS	URE	S						
Description of first aid meas	ures	,								
	÷			÷	1					
No special measures requir	ed.									
If inhaled:	;	,					:			
Seek medical treatment in c	ase of con	nplaints.	¹	н 1 — 1		'				
In case of skin contact:	1	۰.	1		· .	1	:	· .		
Generally the product does				,	,	,		,		
In case of eye contact:		; • •			; • •			; • •		
Rinse opened eye for sever	al minutes	under ru	inning	water. If s	ymptom	ns persi	st, consı	ılt a doct	or.	
If swallowed:	н 1 — 1			н н н		· · · '			'	
If symptoms persist consult	doctor.	· ;	. :		· .		:	· :	.1	
Information for doctor										
Most important symptoms a	nd effects,	both ac	ute and	l delayed	; • •		1	: • •		
No data available			1							
Indication of any immediate										,
No data available					1					

SECTION 5. FIREFIGHTING MEASURES

Extinguishing media											
Suitable extinguishing											
Special powder for m	etal fires.	Do not u	ise wate	er.				1			1
For safety reasons ur	nsuitable	extinguis	hing ag								
Water						111		1	111		
Special hazards arisin	ng from tl	ne substa	ince or	mixture			'				
If this product is involution of the second se	ved in a f	ire, the fo	llowing	can be	released	:	.1	:	1	.:	:
Advice for firefighters Protective equipment		· :	: · ·		`:	111		`:	;		`;
No special measures	required	-	. * *	¹				1	. **		
	.:				1						1
SECTION 6. A		ENTA			SE MI	EASI	JRES	5			
Personal precautions	, protectiv	ve equipr	nent an	d emerc	ency pro	ocedure	S				
-	-			-			· · · '			1. ¹	
not required.											

Do not allow material to be released to the environment without official permits.

Do not allow product to enter drains, sewage systems, or other water courses.

Do not allow material to penetrate the ground or soil.

Methods and materials for containment and cleanup:

Pick up mechanically.

Environmental precautions:

Prevention of secondary hazards:

No special measures required.

Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7. HA	NDL	ING A	ND	STO	RAGE		¹			*	
Handling	.1	-	· :	.1			.:			, i	
Precautions for safe har	ndling										
Keep container tightly se	ealed.		; • •						: • •		
Store in cool, dry place i			ontain	ers.							
Information about protect		ainst expl	osions	and fi		1					
No special measures re	quired.			.:					1		
Conditions for safe stora	age, inc	luding an	y incor	npatibil	ities						
Requirements to be met	by sto	rerooms a	ind rec	eptacle	es:	1 1 1			: • •		1
No special requirements	5.,,'			'							
Information about storag		e commo		-	-	, , ,	.1		1		1
Further information about	ut stora	ge conditi	ons:								
Keep container tightly se						1			1		
Store in cool, dry conditi	ons in v	well-seale	d cont	ainers.			'				
Specific end use(s)			۰,	:		· .	1		· .	1	:
No data available		ı	1	I	,	,	ĩ	ı		,	
···· - 1: 111											
SECTION 8. EX	POS		CON	TRO	S/PE	RSO	ΝΔΙ				
PROTECTION											
FROTEOHON			1							. :	
Additional information al		-		-							
No further data; see sec	tion 7.								: • •		
Control parameters				'							
Components with limit v											
7440-06-4 Platinum (100	0.0%)		1								
PEL (USA) Long-term va					1 9			· .	;		· :
soluble salts, as Pt	¹			¹							

					1	1 1 1					
REL (USA) Long-term v	/alue: 1'	* 0.002** ı	mg/m								
3											
*Metal **soluble salts, a	is Pt										
TLV (USA) Long-term v											
3											
*metal **soluble salts, a	is Pt									'	
EL (Canada) Long-term 3	ı value:	1* 0.002*	* mg/m	.:	-		j.			.:	
*metal;**soluble salts (a	as Pt): S										
EV (Canada) Long-term		1* 0.002*	* mg/m								
3	1.1 ¹			¹	н н н						
*metal;**water-soluble of	compou	nds (as P	t)		1	`:	.:		1		
Additional information:											
No data											
Exposure controls											
Personal protective equ	ipment				1 I						
Follow typical protective	e and hy	gienic pra	actices	for han	dling cher	nicals.			1		
Maintain an ergonomica	ally appr	ropriate w	orking	enviror	iment.						
Breathing equipment:											
Not required.										'	
Protection of hands:											
Not required.	.1				1			-	1		
Penetration time of glov											
No data available											1
Eye protection:			- 1 - 1 - 1	¹			¹				
Safety glasses											
Body protection:	. '		1	.'		1	. '		1		:
Protective work clothing].		1 1 1 1								
								1		'	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basi	ic physical a	nd chemic	al prop	erties		`: `:	.:		1	.1	
Appearance:											
Form: Solid in vario	bus forms							1	: ' '		,
Color: Silvery-white	.										,
Odor: Odorless			ı								
Odor threshold: No	data availa	ble.	`: 			1	.1		1		
pH: N/A											
Melting point/Meltin	ng range: 17	68.4 °C (3	215 °F)						:		,
Boiling point/Boiling	g range: 382	5 °C (691	7 °,°F)				'				
Sublimation temper					1						
Flammability (solid	, gas)		:	. '	1	1	.'	;		.'	
No data available.											
Ignition temperatur											
Autoignition: No da	ta available.						'			¹	
Danger of explosio	n: Product d	oes not pr	esent a	n explo	sion haza	ırd.	.:				
Explosion limits:											
Lower: No data ava	ailable		1 1 1 1								,
Upper: No data ava	ailable										
Vapor pressure: N/	A	, , ,		'						'	
Density at 20 °C (6	8 °F): 21.45	g/cm			1	`: `:		-		.1	
3											
(179 lbs/gal)						; • •			; • •		,
Relative density							'				,
No data available.											
Vapor density	: .!	1	1			`: :			1		
N/A											
Evaporation rate						1.1.1					,
N/A											

			,								
Solubility in Water (H	¹			'	н 1 — 1		¹				
2 O): No data available	,÷	:	1	.1	-	1		1			
Partition coefficient (n											
Viscosity:			1.1		1	1.1		1	111		
Dynamic: N/A				¹			'				
Kinematic: N/A Other information	.1	:	1	.1	:	1	.:	:		.:	:
No data available		`:	: · ·		1	:		· :	111		1
SECTION 10.							:	1		:	:
Reactivity	,	,	,	,			ı	ł		,	
No data available			: • •		· :			`:	111		
Chemical stability											
Stable under recomme	ended st	torage c	onditions	S.	1 I						
Thermal decomposition	on / cond	litions to	be avoid	ded:		`: 	.1				
Decomposition will no	t occur i	f used a	nd store	d accor	ding to s	pecificat	ions.				
Possibility of hazardou	us reacti	ons	1.1.1					1	1.11		
No dangerous reaction	ns know	n					'				
Conditions to avoid											
No data available	.1	-				1		1	1		
Incompatible materials											
No data available									:**		
Hazardous decompos	ition pro	ducts:		· · · [*]							
Platinum oxide	.1		1						1 1		:

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

The Registry of Toxic Effects of Chemical Substances (RTECS) contains acute toxicity data for this substance. LD/LC50 values that are relevant for classification: No data Skin irritation or corrosion: Generally the product does not irritate the skin. Eye irritation or corrosion: No irritant effect.Sensitization: No sensitizing effects known. Germ cell mutagenicity: No effects known. Carcinogenicity: No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. The Registry of Toxic Effects of Chemical Substances (RTECS) contains tumorigenic and/or carcinogenic and/or neoplastic data for this substance. Reproductive toxicity: No effects known. Specific target organ system toxicity - repeated exposure: No effects known. Specific target organ system toxicity - single exposure: No effects known. Aspiration hazard: No effects known. Subacute to chronic toxicity: The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance. Additional toxicological information: To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

SECTION 12. ECOLOGICAL INFORMATION Toxicity Aquatic toxicity: No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Additional ecological information:

Do not allow material to be released to the environment without official permits.

Do not allow undiluted product or large quantities to reach groundwater, water courses, or sewage systems.

Avoid transfer int					'						
Results of PBT a	nd vPv	B _, asse	ssment		.:	1	1		-	1	
PBT:											
N/A	1 1 1 1			1 1 1			: ' '			: • •	
vPvB: N/A	1 1 1				'			'			
Other adverse effects				1							.:
No data available	;										

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods RecommendationConsult official regulations to ensure proper disposal.

Uncleaned packagings:

Recommendation:

					1					
Disposal must be made acc	ording to c	official re	gulatior	IS.						
d d de d	:			1					.:	
SECTION 14. TRA	NSPO		IFOR	MAT	ION					
UN-Number	`:	; · ·	1.1.1		111		1	111		1
DOT, ADN, IMDG, IATA			¹			'	н 1 - 1		¹	
N/A UN proper shipping name	1	1	.1		1	.:	:	1	.1	1
DOT, ADN, IMDG, IATA	1			1						
Transport hazard class(es)			· · ¹			'		11		
DOT, ADR, ADN, IMDG, IA	TA				1	.:		1		
Class										
N/A .	1	111		1	111			111		
Packing group DOT, IMDG, IATA				1 1 - 1	, • •	'		, • •	'	
N/A		1				.1				
Environmental hazards: N/A	ł									
Special precautions for use	r	111			111			:**		
N/A									'	
Transport in bulk according N/A										
Transport/Additional informa Marine Pollutant (DOT): No				1	111			111		
Marine Pollutant (DOT): No										

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture National regulations

All components of this product are listed in the U.S. Environmental Protection Agency Toxic

Substances Control Act Chemical substa	ince In	ventory	/.		'				
All components of this product are listed	on the	Canad	ian Dome	estic Su	bstance	es List (D	SL).		
SARA Section 313 (specific toxic chemic	al listin	igs)			. 1		1		
Substance is not listed.									
California Proposition 65			1						
Prop 65 - Chemicals known to cause can	ncer	¹			1				,
Substance is not listed.									
Prop 65 - Developmental toxicity		.'	:	1	. '			. '	
Substance is not listed.			· .						,
Prop 65 - Developmental toxicity, female			,			1			
Substance is not listed.		¹	н н н		'			'	,
Prop 65 - Developmental toxicity, male		.1		· .					
Substance is not listed.									
Information about limitation of use:			1	: • •			; • •		
For use only by technically qualified indiv	viduals.								
Other regulations, limitations and prohibit	tive reg	gulatior	IS	. * *	'			'	
Substance of Very High Concern (SVHC)) accor	ding to	the REA	CH Reg	Julation	s (EC) N	o. 1907/	2006.	
Substance is not listed. The conditions of	restric	tions a	ccording t	o Article	e 67 an	d Annex	XVII of t	he	
Regulation (EC) No	111		1	111			111		
1907/2006 (REACH) for the manufacturin	• •	-							
Substance is not listed.				. * *					
Annex XIV of the REACH Regulations (re	equirin	g Autho	orisation f	or use)			1	.1	
Substance is not listed.									
REACH - Pre-registered substances			`: :	: • •					,
Substance is listed.					'				
Chemical safety assessment:									
A Chemical Safety Assessment has not b	been ca	arried o	out.	1			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.