

SAFETY DATA SHEET

Date Accessed: 25/08/2023

Date Revised: 26/01/2023

SECTION 1. IDENTIFICATION

Product Name: Molybdenum Nanoparticle Dispersion

CAS #: 7439-98-7

Relevant identified uses of the substance: Scientific research and development

Supplier details:

Stanford Advanced Materials

E-mail: sales@samaterials.com

Tel: (949) 407-8904

Address: 23661 Birtcher Dr., Lake Forest, CA 92630 U.S.A.

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)

GHS02 Flame

Flam. Sol. 2 H228 Flammable solid.

Hazards not otherwise classified

No data available.

GHS label elements

The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS)

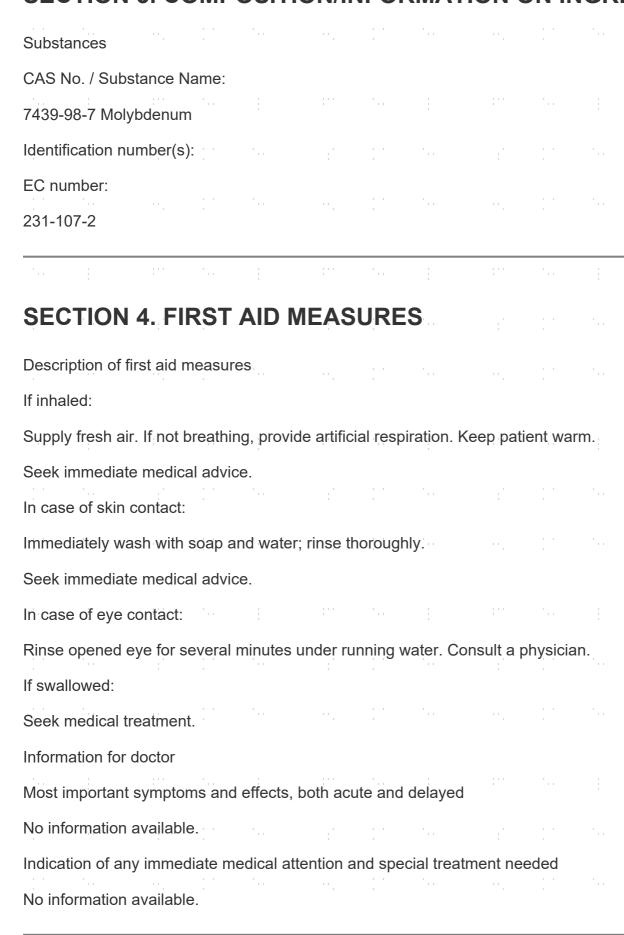
Hazard pictogram

GHS02

Signal word

Warning	:		1	:		·	;		·	:	
Hazard statemen	ts										
H228 Flammable	solid.		1				**,		1		,
Precautionary sta	itement	s									
P210 Keep away	from h	eat/spa	rks/open f	lames/	hot surf	aces. No	smokin	g.			,
P280 Wear protection	_	_		othing/	eye pro	tection/fa	ce prote	ection.F	P240 Grou	nd/bon	d
P241 Use explosi	ion-pro	of elect	rical/ventil	ating/li	ghting/e	equipment	i. '''		'	•••	
P370+P378 In ca	se of fi	re: Use	for extinct	tion: C0	O2, pow	der or wa	iter spra	ay.			
WHMIS classifica	ition			: ' '			:''			: ' '	,
B4 - Flammable s	solid		1	;	: '	1	:"		1	:	
Classification sys	tem										
HMIS ratings (sca	ale 0-4)				•			,			,
(Hazardous Mate	rials Ide	entificat	tion Syster	m)		:			:	111	,
HEALTH			i			;			;		
FIRE	:		1	;		1	: "		1	:	
REACTIVITY									1		
1											
24,,	: ' '	٠		111			: • •	٠		: ' '	,
1											
Health (acute effe	ects) =	1									
Flammability = 2			1				٠٠.		1		
Physical Hazard	= 1										
Other hazards	: ' '	٠	1	111	٠	:	: ' '	٠	;	: ' '	,
Results of PBT a	nd vPvI	B _, asses	ssment:	, '		4			4		,
PBT:											
N/A.			1						1	••.	,
vPvB:											
N/A.	: '						111			!''	•

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS



SECTION 5. FIREFIGHTING MEASURES

Extinguishing media Suitable extinguishing media Special powder for metal fires. Do not use water. For safety reasons unsuitable extinguishing media Water Special hazards arising from the substance or mixture If this product is involved in a fire, the following can be released: Molybdenum oxides Advice for firefighters Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit. SECTION 6. ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Keep away from ignition sources Environmental precautions: Do not allow material to be released to the environment without official permits. Methods and material for containment and cleanup:

Keep away from ignition sources.

Ensure adequate ventilation.

Prevention of secondary hazards:

Keep away from ignition sources.

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. HANDLING AND STORAGE

Handling

Precautions for safe handling

Keep container tightly sealed.

Store in cool, dry place in tightly closed containers.

Ensure adequate ventilation.

Information about protection against explosions and fires:

Protect against electrostatic charges.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

Store away from oxidizing agents.

Do not store together with acids.

Further information about storage conditions: Keep container tightly sealed.

Store in cool, dry conditions in well-sealed containers.

Specific end use(s)

No information available.

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:

7439-98-7 Molybdenum (100.0%)

PEL (USA) Long-term value: 5* 15** mg/m3

as Mo;*soluble compds.,

**insol.compds.:total dust

TLV (USA) Long-term value: 10* 3** mg/m3

as Mo; *inhalable fraction ** respirable fraction

EL (Canada) Long-term value: 3* 10** mg/m³

as Mo; *respirable **inhalable

EV (Canada) Long-term value: 10* 3** 0.5*** mg/m³

metal,insol.compd.:*inh;**resp;sol.compd.:***resp

Additional information:

No data

Exposure controls

Personal protective equipment

Follow typical general protective and industrial hygiene measures 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.

Breathing equipment:

Use suitable respirator when high concentrations are present.

Recommended filter device for short term use:

Use a respirator with type N95 (USA) or PE (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.

The selection of suitable gloves not only

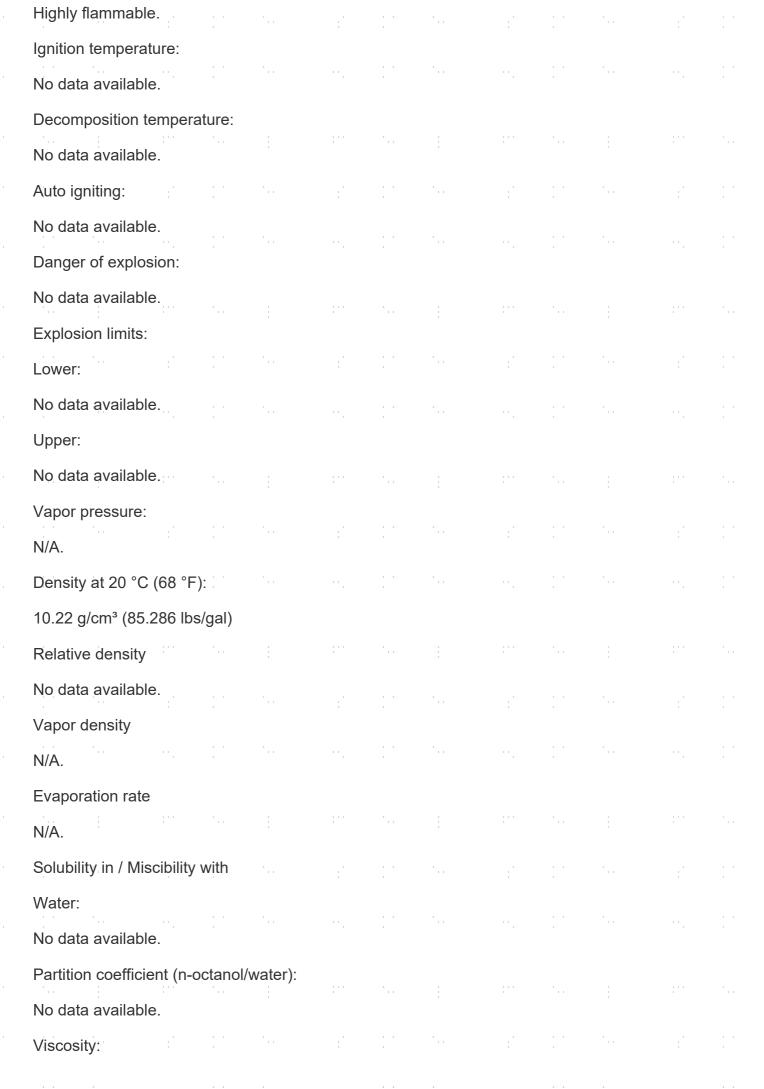
depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer.

Material of gloves

Nitrile rubber, NBR

480										
Glove thickness			• • •		·			1		
0.11 mm										
Eye protection:			: ' '	٠,,		: ' '		!		
Safety glasses		1	:		1	; '		1	: '	: '
Body protection:	1 1			1 1				1		
Protective work clothin				,			,			,
·	100	;	: ' '	1.1	:	: ' '	*	:	: ' '	٠
SECTION 9. PI	HYSIC	CAL A	AND (CHEN	/IICAL	PRO	PE	RTIES	:'	; •
Information on basic pl	hysical a	nd,chem	ical pro	perties				1		
Appearance:										
Form:		:	: ' '		:	: ' '		:		٠
Powder	: .	10	:		1	:"		٠	:'	
gray	: '			1 1	٠					: .
Odor:										
Odorless		1	: ' '	٠	:	: ' '	1		: ' '	٠
Odor threshold:						;		1	; '	
No data available.										
pH:			* * .					1		
N/A.										
Melting point/range:			: ' '			!''			: ' '	
2623 °C (4753 °F)			; '		1.,	;		1	:	
Boiling point/range:								1		
4639 °C (8382 °F)	,		,	,		,	,		,	,
Sublimation temperatu	re / start	:	: ' '			111		:		٠
No data available.										
Flammability (solid, ga	s):		;			: '			: '	

Penetration time of glove material (in minutes)



Dynamic:		1	;						:	
N/A.Kinematic:										
N/A.		·	٠٠,		1	• • •		1	٠٠,	
Other information										
No information available					:	111			: ' '	
			;	1		;			;	
SECTION 10. S	TAB	BILITY	AND	RE	ACTI\	/ITY		1		
Reactivity		1			1		٠	:	: ' '	٠
No data available.										
Chemical stability		1	: '		1	:'		1	:	
Stable under recommend	ded st	orage co	nditions	S. ; '	1					
Thermal decomposition	cond	itions to	be avoid	ded:						
Decomposition will not o	ccur if	used ar	nd stored	d accor	ding to s _l	pecificati	ons.	1	: ' '	
Possibility of hazardous	reaction	ons								
No dangerous reactions	knowi	1	;	•		;	,		1	,
Conditions to avoid		1	٠.,		1.1			1		
No information available										
Incompatible materials:	٠	:	: ' '	1	;	111	٠.,	;	: ' '	1
Acids			;			:'			;	
Oxidizing agents										
Hazardous decomposition	n pro	ducts:			100			1		
Molybdenum oxides										
100 100 100		:	:''	'			1	:	1'''	*
the state of		٠	; '			: '			:	

SECTION 11. TOXICOLOGICAL INFORMATION

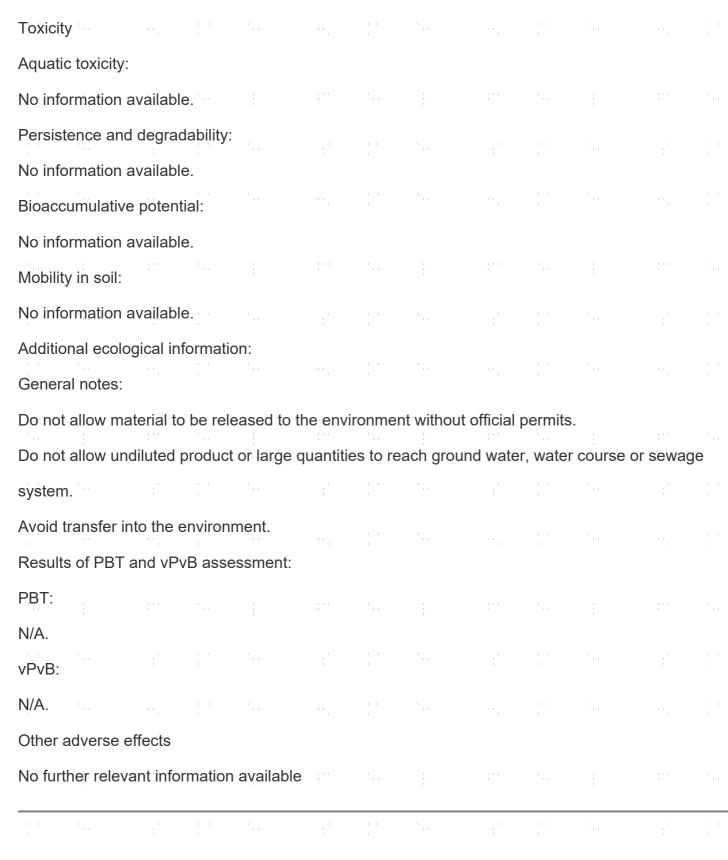
Information on toxicological effects

Acute toxicity:

The Registry of Toxic Effects of Chemical Substances (RTECS) contains acute toxicity data for this substance.

LD/LC50 values that	at are relev	ant for c	lassificati	on:		;				
No data										
Skin irritation or cor	rosion:					• • •	1		**,	
May cause irritation										
Eye irritation or cor	rosion:		; ' '	'	:	; ' '	'.,		:	٠
May cause irritation	i :		;			: '			:	: .
Sensitization:										
No sensitizing effect				1			,			,
Germ cell mutageni	icity:	:			:			:		
The Registry of Tox	cic Effects of	of Chemi	ical Subs	tances	(RTEC	S) contair	ns muta	ation data	a for this	
substance.		1	; '		1	; '		1	;'	: '
Carcinogenicity:										
No classification da										
NTP, OSHA or ACC	∃IH.	:		٠.,		;**			: ' '	٠
Reproductive toxicit	ty:									
The Registry of Tox	cic Effects of	of Chemi	ical Subs	tances	3	;				
(RTECS) contains r	eproductiv	e data fo	or this sub	ostanc	e. '··				٠٠,	
Specific target orga	n system to	oxicity -	repeated	expos	ure:					
N/A		:	: ' '		:	: ' '	1	:	: ' '	٠
Specific target orga	n system to	oxicity -	single ex	posure	e:				;	
N/A	,			,						
Aspiration hazard:N	I/A			1			1	100		
Subacute to chronic	c toxicity:									
The Registry of Tox	cic Effects o	of Chemi	ical Subs	tances	(RTEC	S) contair	ns mult	iple dose	e toxicity	data
for this substance.		٠.,	:"		1	:"	: '	100	:'	: .
Additional toxicolog	ical informa	ation:			1			1		: '
To the best of our k	nowledge	the acute	e and chr	onic to	xicity of	this subs	tance i	s not full	y known	
* :	100	1	: ' '	1	1	: ' '	100	:	: ' '	

SECTION 12. ECOLOGICAL INFORMATION



SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation:

Consult state, local or national regulations to ensure proper disposal.

Unclear	ned packagi	ings:			:			;			:	
Recom	mendation:											
Disposa	al must be n	nade ac	cording	to officia	al regu	lations	·			·		
	; ;		. ;		: • •	1	:	111	1	-	:::	٠
SEC	TION 14	I. TR	ANS	PORT	INF	ORN	IATIOI	N _i .		1	:	
U _i N _i -Nui	mber									1		
DOT, IN	MDG, IATA				,			,			,	
U ₁ N308	;	٠	. :				;		٠	:	: ' '	٠
	1	: :			: '		1	: '		1	:'	
SEC	TION 15	. RE	GUL			1 1	MATI	NC		·		
UN pro	per shipping	name				'		,	,		,	,
DOT							:	: ' '		:	: ' '	٠
Metal p	owders, flar		, n.o.s.	(Molybde	enum p	owder)	·					
IMDG,	IATA				;	•		;			;	
METAL	POWDER,	FLAM	MABLE,	N.O.S. ((Molyb	denum	powder)			1	• • •	
	ort hazard c	•	,									
DOT	:	٠.	:				:	: ' '		:	: "	٠
Class		:			;			; '			;	
	mmable soli								•			
Label	·	. :	٠.		'',		'			'	٠٠,	
4.1												
Class	:		:			'			'		; ' '	
4,1 (F3) Flammable	solids	, self-re	active su	ıbstand	es and	solid des	ensitise	ed explo	osives	;	: .
Label	4											
4.1					,	,		,	,		,	
IMDG,	IATA					·						٠
Class												
4.1 Flai	mmable soli	ds self.	-reactive	e substai	nces a	nd solic	desensiti	sed ex	nlosive	S	:	

4.1						; '		1	; '	
1 1										
Packing group			٠٠,							
DOT, IMDG, IATA	1	:	:	1	:	:	1	1	:"	
Environmental hazard	ls:		;		1	;			:	
N/A. Special precautions for		1	٠٠.		٠	٠٠.	: •	100	٠٠.	,
Warning: Flammable	solids, se	elf-reacti	ve subst	ances a	and solid	desensi	tised e	xplosives	S	
EMS Number:		;			;			;		
F-G,S-G		1	;		1	;		100	:	
Segregation groups		1								
Heavy metals and the										
Transport in bulk acco	ording to	Annex I	of MAR	POL73	/78 _; and	the IBC (Code	;	111	
N/A. Transport/Additional i	nformatio	on:	;'		1	;'		1.	;'	,
DOT		1	• • •		٠	• • •				
Marine Pollutant (DO	Γ):									
No :		:	: ' '		;	111		:	: "	
UN "Model Regulation	า": , ,			1 1		, .				
UN3089, Metal powde	ers, flam	mable, n	.o.s. (Mo	olybden	um pow	der), 4.1,	III		,	
		1		1 1	1			1		

GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.

GHS07

Eye Irrit. 2

H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness. Hazards not otherwise classified No information known.Label elements GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms GHS02 GHS07 Signal word Danger Hazard statements H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification B2 - Flammable liquid D2B - Toxic material causing other toxic effects

Classification system

HMIS ratings (scale 0-4)

(Hazardous Materials Identification System)

Health (acute effects) = 1

Flammability = 3

Physical Hazard = 1

Other hazards

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Substances

CAS# Description:

Not applicable.

7439-98-7 Molybdenum

Identification number(s):

EC number: 231-107-267-63-0 2-Propanol

Identification number(s):

EC number: 200-661-7

Index number: 603-117-00-0

SECTION 4. FIRST AID MEASURES

Description of first aid measures

After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm.

Seek immediate medical advice.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

Seek immediate medical advice.

After eye contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing

Seek medical treatment.

Information for doctor

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents

Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture

If this product is involved in a fire, the following can be released:

Carbon monoxide and carbon dioxide

Advice for firefighters

Protective equipment:

Wear self-contained respirator.

Wear fully protective impervious suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources

Environmental precautions:

Do not allow product to reach sewage system or any water course.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Prevention of secondary hazards: Keep away from ignition sources.

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. HANDLING AND STORAGE

Handling

Precautions for safe handling

Keep container tightly sealed.

Store in cool, dry place in tightly closed containers.

Ensure good ventilation at the workplace.

Information about protection against explosions and fires:

Protect against electrostatic charges.

Fumes can combine with air to form an explosive mixture.

Keep ignition sources away.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

Do not store together with acids.

Store away from oxidizing agents.

Store away from halogens.

Store away from acid anhydrides.

Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed containers.

Specific end use(s)

No further relevant information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Maintain an ergonomically appropriate working environment.

Breathing equipment:

Use suitable respirator when high concentrations are present.

Recommended filter device for short term use:

Use a respirator with multi-purpose combination (US) or type ABEK (EN 14387) 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 such as NIOSH (USA) or CEN (EU). Protection of hands:

Impervious gloves

Check protective gloves prior to each use for their proper condition.

The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary

from manufacturer to manufacturer.

Material of gloves

Nitrile rubber, NBR

Penetration time of glove material (in minutes)

480

Glove thickness

0.4 mm

Eye protection:

Safety glasses

Body protection:

Protective work clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General Information

Appearance:

Form: Liquid

Odor: Alcohol-like

Odor threshold: Not determined.

pH-value: Not determined.

Change in condition

Melting point/Melting range: Not determined.

Boiling point/Boiling range: Not determined.

Sublimation temperature / start: Not determined

Flash point: Not determined.

Flammability (solid, gaseous)

Not determined.

Ignition temperature: Not determined.

Decomposition temperature: Not determined

Auto igniting: Not determined.

Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures is possible.

Relative density

Not determined.

Vapor density

Not determined.

Evaporation rate

Not determined.

Viscosity:

dynamic at 20 °C (68 °F): Not determined.

kinematic: Not determined.

Other information

No further relevant information available.

SECTION 10. STABILITY AND REACTIVITYReactivity

No information known.

Chemical stability

Stable under recommended storage conditions.

Thermal decomposition / conditions to be avoided:

Decomposition will not occur if used and stored according to specifications.

Possibility of hazardous reactions

Reacts with strong oxidizing agents

Conditions to avoid

No further relevant information available.

Incompatible materials:

Acids			;			;			;	
Oxidizing agents										
Halogens			• • •		'	***		'	***	
Acid anhydrides										
Hazardous decomp	osition pro	ducts:	: ' '	'		!''			111	
Carbon monoxide a	ind carbon	dioxide	:'	:	1	;		1	:	: '
		1		1 1	100			1		
SECTION 11										
Information on toxic		fects	:			; ' '	'		: ' '	
Acute toxicity:			;			;		1	;	
The Registry of Tox										
substance.									,	,
LD/LC50 values that	nt are releva	ant _: for cla	ıssificat	tion:			٠.,			٠.,
Oral LD50		1	: '		1	;		1	3	
5045 mg/kg (rat)										
Dermal										
LD50			; * *	1	:	: "	٠	1	:**	٠
12800 mg/kg (rabbi	t)		, '							
Inhalative LC50/8H	12560 ppn	n/8H (rat)								
Skin irritation or cor	rosion:	1	• • •		1			1		
May cause irritation										
Eye irritation or corr	osion:	:	111	1.1		: ' '			111	'
Causes serious eye	irritation.		; '			; '		1	:	
Sensitization:	1 1				,					
No sensitizing effect			''.	,			•			,
Germ cell mutageni	city:	1	111		:		1,,	:		
The Registry of Tox										
substance			; '			;			:	

Carcinogenicity:

IARC-3: Not classifiable as to carcinogenicity to humans.

ACGIH A4: Not classifiable as a human carcinogen: Inadequate data on which to classify the agent in

terms of its carcinogenicity in humans and/or animals.

Reproductive toxicity:

The Registry of Toxic Effects of Chemical Substances (RTECS) contains reproductive data for this substance.

Specific target organ system toxicity - repeated exposure:

No effects known.

Specific target organ system toxicity - single exposure:

May cause drowsiness or dizziness.

May cause respiratory irritation. 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 further relevant information available.

Persistence and degradability

No further relevant information available.

Bioaccumulative potential

No further relevant information available.

Mobility in soil No further relevant information available. Additional ecological information: General notes: Do not allow undiluted product or large quantities to reach ground water, water course or sewage system. Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevant information available. **SECTION 13. DISPOSAL CONSIDERATIONS** Waste treatment methods Recommendation Consult state, local or national regulations to ensure proper disposal. Uncleaned packagings: Recommendation: Disposal must be made according to official regulations. Recommended cleansing agent: Water, if necessary with cleansing agents. **SECTION 14. TRANSPORT INFORMATION**

UN-Number

DOT, IMDG, IATA

DOTIsopropano	l (Isopro	opyl alc	ohol)		,			1	
IMDG, IATA									
ISOPROPANOL	_ (ISOPI	ROPYL	ALCOHO	DL)	' ' '				
Transport hazar	d class((es)	1	; '			; '		٠.,
DOT Class			·	•••		1			٠
3 Flammable liq	uids.	4	:			:			:
Label									
3	: '		1	;		100	:		٠
Class			٠			1		1 1	٠.,
3 (F1) Flammab	le liquid	s							
Label	: ' '	٠	:	: ' '		:	: ' '	٠	:
3 IMDG, IATA	:"	: '	4	:'	: '	4	i'	: '	٠
Class	٠٠,		٠			1			٠.,
3 Flammable liq	uids.								
Label	: ' '		1	: ' '	1	1	; * *	1,,	:
3 Packing group									
DOT, IMDG, IA	ГА		1			1			٠.,
II									
Environmental h	nazards:	'		!''		!	(''		:
Not applicable.	; '			;					٠
Special precauti	ions for	user							
Warning: Flamn	nable liq	uids			,			1	
EMS Number: F	-E,S-D		:			:			
Transport in bul									;
Not applicable.	i'		1	;		100	;		٠

UN1219

UN proper shipping name

Transport/Additional information:

DOT

Marine Pollutant (DOT):

UN "Model Regulation":

No

UN1219, Isopropanol (Isopropyl alcohol), 3, II

SECTION 15. REGULATORY INFORMATION

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).

67-63-0 2-Propanol

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.

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.