SAFETY DATA SHEETS

This SDS packet was issued with item: 078074443

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078073310



Version 2.1	Revision Date: 04/12/2018	•-	DS Number: 95430-00004	Date of last issue: 09/07/2017 Date of first issue: 09/21/2016	
SECTION	1. IDENTIFICATION				
Produ	Product name		Sodium Selenite	Vitamin E Injection Formulation	
Manu	facturer or supplier's	deta	ails		
Comp	Company name of supplier		Merck & Co., Inc		
Addre	Address		2000 Galloping H Kenilworth - New	ill Road Jersey - U.S.A. 07033	
Telep	Telephone		908-740-4000		
Telefa	Telefax		908-735-1496		
Emer	Emergency telephone		1-908-423-6000		
E-ma	E-mail address		EHSDATASTEW	ARD@merck.com	
Reco	Recommended use of the chemical and restrictions on use				
Reco	mmended use	:	Veterinary produc	ot	

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200					
Acute toxicity (Oral)	:	Category 4			
Acute toxicity (Inhalation)	:	Category 4			
Skin sensitization	:	Category 1			

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GHS label elements

Hazard pictograms



Signal Word	:	Danger



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		P264 Wash sk P270 Do not e P271 Use only	
		CENTER/docto P302 + P352 II P304 + P340 + and keep comf CENTER/docto P314 Get med P333 + P313 If attention.	 P330 IF SWALLOWED: Call a POISON or if you feel unwell. Rinse mouth. F ON SKIN: Wash with plenty of soap and water. P312 IF INHALED: Remove person to fresh air fortable for breathing. Call a POISON or if you feel unwell. ical advice/ attention if you feel unwell. f skin irritation or rash occurs: Get medical advice/ ntaminated clothing before reuse.
		Disposal: P501 Dispose posal plant.	of contents/ container to an approved waste dis-
	r hazards known.		

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration (% w/w)
Benzyl alcohol	100-51-6	2.19
Sodium selenite	10102-18-8	0.35 - 1.13

SECTION 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical advice immediately., When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms occur.
In case of skin contact	:	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.



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	In case of eye contact		:	: Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.		
	If swallowed		:	so by medical per Get medical atten Rinse mouth thore	tion.	
		nportant symptoms ects, both acute and d	:		ved or if inhaled. ergic skin reaction. o organs through prolonged or repeated	
	Protect	ion of first-aiders	:	and use the recor	ers should pay attention to self-protection, nmended personal protective equipment I for exposure exists.	
	Notes t	o physician	:	Treat symptomati	cally and supportively.	
SEC	CTION 5	. FIRE-FIGHTING ME	ASL	JRES		
	Suitabl	e extinguishing media	:	Water spray Alcohol-resistant f Carbon dioxide (C Dry chemical		
	Unsuita media	able extinguishing	:	None known.		
	Specific fighting	c hazards during fire	:	Exposure to comb	oustion products may be a hazard to health.	
	Hazard ucts	ous combustion prod-	:	Metal oxides Carbon oxides		
	Specific ods	c extinguishing meth-	:	cumstances and t Use water spray t	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do	
		l protective equipment fighters	:		e, wear self-contained breathing apparatus. rective equipment.	

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec-	:	Use personal protective equipment.
tive equipment and emer-		Follow safe handling advice and personal protective
gency procedures		equipment recommendations.



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Envir	onmental precautions	Prevent furth Prevent spre oil barriers). Retain and d	to the environment must be avoided. er leakage or spillage if safe to do so. ading over a wide area (e.g., by containment or ispose of contaminated wash water. ities should be advised if significant spillages intained.
Methods and materials for containment and cleaning up		For large spi containment can be pump container. Clean up ren absorbent. Local or nati disposal of th employed in determine wi Sections 13	a inert absorbent material. Ils, provide diking or other appropriate to keep material from spreading. If diked material bed, store recovered material in appropriate maining materials from spill with suitable onal regulations may apply to releases and his material, as well as those materials and items the cleanup of releases. You will need to hich regulations are applicable. and 15 of this SDS provide information regarding or national requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	Use with local exhaust ventilation.
Advice on safe handling	:	Do not get on skin or clothing. Do not breathe vapors or spray mist. Do not swallow. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Keep container tightly closed. Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	:	Keep in properly labeled containers. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations.
Materials to avoid	:	Do not store with the following product types: Strong oxidizing agents Organic peroxides Explosives Gases



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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Benzyl alcohol	100-51-6	TWA	10 ppm	US WEEL
Sodium selenite	10102-18-8	TWA	20 µg/m3 (OEB 3)	Internal
		Wipe limit	200 µg/100 cm ²	Internal
		TWA	0.2 mg/m ³ (selenium)	OSHA Z-1
		TWA	0.2 mg/m ³ (selenium)	ACGIH
		TWA	0.2 mg/m ³ (selenium)	NIOSH REL

Engineering measures :	Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip- less quick connections). All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Containment technologies suitable for controlling compounds are required to control at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face containment devices). Minimize open handling.
Personal protective equipment	

Respiratory protection :		General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.
Hand protection		
Material	:	Chemical-resistant gloves
Remarks	:	Consider double gloving.
Eye protection	:	Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions,



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		Wear a facesh	ols, wear the appropriate goggles. hield or other full face protection if there is a frect contact to the face with dusts, mists, or		
Skin	and body protection	 Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces. Use appropriate degowning techniques to remove potentially contaminated clothing. 			
Hygie	ene measures	located close i When using de Wash contami The effective o engineering co appropriate de industrial hygio	ve flushing systems and safety showers are to the working place. o not eat, drink or smoke. inated clothing before re-use. operation of a facility should include review of pontrols, proper personal protective equipment, egowning and decontamination procedures, ene monitoring, medical surveillance and the strative controls.		

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	viscous liquid
Color	:	amber
Odor	:	No information available.
Odor Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available



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	Vapor p	pressure	:	No data available	e
	Relativ	e vapor density	:	No data available	Э
	Relativ	e density	:	No data available	9
	Density	/	:	No data available	9
	Solubili Wat	ty(ies) er solubility	:	No data available	e
	Partition coefficient: n- octanol/water		:	Not applicable	
	Autoigr	nition temperature	:	No data available	9
	Decom	position temperature	:	No data available	e
	Viscosi Visc	ty cosity, kinematic	:	No data available	9
	Explosive properties		:	Not explosive	
	Oxidiziı	ng properties	:	The substance o	r mixture is not classified as oxidizing.
	Particle	esize	:	Not applicable	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac- tions	:	Can react with strong oxidizing agents.
Conditions to avoid	:	None known.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation Skin contact Ingestion Eye contact



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	e toxicity ful if swallowed or if in	nhaled.	
Produ	uct:		
	oral toxicity		estimate: 614.32 mg/kg ulation method
Acute	inhalation toxicity	Exposure time Test atmosph	estimate: 4.5 mg/l e: 4 h here: dust/mist ulation method
<u>Com</u>	oonents:		
Benz	yl alcohol:		
Acute	oral toxicity	: LD50 (Rat): 1	,620 mg/kg
Acute	inhalation toxicity		
Sodiu	um selenite:		
Acute	oral toxicity	: LD50 (Rat): 7	′ mg/kg
Acute	inhalation toxicity	Exposure tim Test atmosph	• 0.052 - 0.51 mg/l e: 4 h here: dust/mist CD Test Guideline 403
Skin	corrosion/irritation		
Not cl	assified based on av	ailable information.	
Com	oonents:		
Benz	yl alcohol:		
Speci		: Rabbit	
Metho Resul		: OECD Test G : No skin irritati	
Resul	it i	. NO SKITTITIA	
Sodiu	um selenite:		
Metho	bd	: OECD Test G	Guideline 439
Resul	t	: Skin irritation	
Serio	us eye damage/eye	irritation	
Not cl	assified based on av	ailable information.	
<u>Comp</u>	oonents:		
Benz	yl alcohol:		
	es	: Rabbit	



rsion	Revision Date: 04/12/2018	SDS Number: 895430-00004	Date of last issue: 09/07/2017 Date of first issue: 09/21/2016
Result Method		: Irritation to ey : OECD Test G	es, reversing within 21 days uideline 405
Sodiu	ım selenite:		
Resul Metho	-	: Irritation to ey : OECD Test G	es, reversing within 21 days uideline 437
Respi	iratory or skin sens	itization	
Skin s	sensitization		
May c	ause an allergic skir	reaction.	
-	iratory sensitizatior assified based on av		
Comp	oonents:		
Benzy	yl alcohol:		
Test T Route Speci Metho Resul	es of exposure es od	 Maximization Skin contact Guinea pig OECD Test G negative 	
Sodiu	ım selenite:		
Test 7			ode assay (LLNA)
Speci	es of exposure es	: Skin contact : Mouse	
Metho		: OECD Test G	uideline 429
Resul	t	: positive	
Asses	ssment	: Probability or	evidence of skin sensitization in humans
	cell mutagenicity		
	assified based on av	allable information.	
	oonents:		
-	yl alcohol:		
Geno	toxicity in vitro	: Test Type: Ba Result: negati	cterial reverse mutation assay (AMES) ve
Genot	toxicity in vivo	cytogenetic as Species: Mou	se functioneal injection
Sodiu	ım selenite:		
	toxicity in vitro		vitro mammalian cell gene mutation test D Test Guideline 476



rsion	Revision Date: 04/12/2018	SDS Number: 895430-00004	Date of last issue: 09/07/2017 Date of first issue: 09/21/2016		
		Result: positi	ve		
			hromosome aberration test in vitro CD Test Guideline 473 ve		
			acterial reverse mutation assay (AMES) CD Test Guideline 471 tive		
Genot	toxicity in vivo	cytogenetic t Species: Mo	coute: Intraperitoneal injection		
	cell mutagenicity - ssment	-	dence does not support classification as a germ		
Carci	nogenicity				
	assified based on av	ailable information.			
Com	onents:				
Benzy	yl alcohol:				
Species Application Route Exposure time Method Result		: Mouse : Ingestion : 103 weeks : OECD Test (: negative	Guideline 451		
Sodiu	ım selenite:				
Speci Applic		: Rat : Ingestion : 1 Years			
IARC			esent at levels greater than or equal to 0.1% is or confirmed human carcinogen by IARC.		
OSHA		onent of this product p is list of regulated car	resent at levels greater than or equal to 0.1% is cinogens.		
NTP		No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.			
-	oductive toxicity assified based on av	vailable information.			
<u>Comr</u>	oonents:				
Benzy	yl alcohol:				
-	s on fertility		ertility/early embryonic development		



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				Species: Rat Application Route Result: negative Remarks: Based of	: Ingestion on data from similar materials	
	Effects on fetal development		:	Test Type: Embryo-fetal development Species: Mouse Application Route: Ingestion Result: negative		
	Sodiur	n selenite:				
	Effects	on fetal development	:	Test Type: Embry Species: Mouse Application Route Result: negative	ro-fetal development : Ingestion	
		single exposure ssified based on availa	ble	information		
		repeated exposure				
	Causes			y, Blood, Nervous	system, Endocrine system, Skin) through	
	Comp	onents:				
	Sodiur	n selenite:				
		of exposure	:	Ingestion		
	Target Assess	Organs	:		ervous system, Endocrine system, Skin e significant health effects in animals at con-	
	A33633		•	centrations of 10		
	Remar	ks	:		ised classification in EU regulation	
	Repea	ted dose toxicity				
	-	onents:				
	Specie	l alcohol: م		Rat		
	NOAEI		÷	1.072 mg/l		
		ation Route	:	inhalation (dust/m	ist/fume)	
	Exposi	ure time d	:	28 Days OECD Test Guide	eline 412	
	Codius	n oolonito.				
		n selenite:		Rat		
	Specie NOAEI		:	0.4 mg/kg		
	LOAEL		:	0.8 mg/kg		
		ation Route ure time	:	Ingestion 13 Weeks		
			•			



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Aspiration toxicity Not classified based on available information. Experience with human exposure						
Com	ponents:					
Sodi ı Inhala	um selenite: ation	:	Target Organs: Ro Symptoms: bronc	espiratory system hospasm, bronchitis, Edema		
				ardio-vascular system cardia, Lowered blood pressure		
			Target Organs: Di Symptoms: Nause	gestive organs ea, Vomiting, stomach discomfort		
Inges	tion	:	Target Organs: No Symptoms: Neuro	•		
			Target Organs: Er	ndocrine system		
			Target Organs: SI Symptoms: hair lo	kin ss, Skin disorders		

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity		
Components:		
Benzyl alcohol:		
Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): 460 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 230 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	:	EC50 (Pseudokirchneriella subcapitata (green algae)): 770 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
		NOEC (Pseudokirchneriella subcapitata (green algae)): 310 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	NOEC (Daphnia magna (Water flea)): 51 mg/l Exposure time: 21 d Method: OECD Test Guideline 211



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Sodiur	n selenite:			
Toxicity	y to fish	:	LC50: 7.2 mg/l Exposure time: 96	3 h
	y to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48	agna (Water flea)): 1.2 mg/l 3 h
Toxicity	y to algae	:	ErC50 (Pseudokin mg/l Exposure time: 72 Method: OECD T	
			NOEC (Pseudokin mg/l Exposure time: 72 Method: OECD Te	
Toxicity	y to fish (Chronic tox-	:	NOEC (Lepomis r Exposure time: 25	nacrochirus (Bluegill sunfish)): 0.022 mg/l 58 d
	y to daphnia and other c invertebrates (Chron- ity)	:	NOEC: 0.22 mg/l Exposure time: 24	4 d
Toxicity	y to microorganisms	:	EC50: 180 mg/l Exposure time: 3 Method: OECD Te	
Persis	tence and degradabili	ty		
Compo	onents:			
•	l alcohol: Iradability	:	Result: Readily bi Biodegradation: 9 Exposure time: 14	92 - 96 %
Bioaco	cumulative potential			
Compo	onents:			
-	l alcohol: n coefficient: n- l/water	:	log Pow: 1.05	
	ty in soil a available			
	adverse effects a available			



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SECTION 13. DISPOSAL CONSIDERATIONS

Waste from residues	:	Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR		
UN/ID/NA number	:	UN 3082
Proper shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (Sodium selenite)
Class	:	9
Packing group	:	
Labels	:	CLASS 9
ERG Code	:	171
Marine pollutant	:	no
Remarks	:	THE ABOVE INFORMATION ONLY APPLIES TO PACKAGE SIZES WHERE THE HAZARDOUS SUBSTANCE MEETS THE REPORTABLE QUANTITY.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

Components CAS-No. Component RQ Calculated product F
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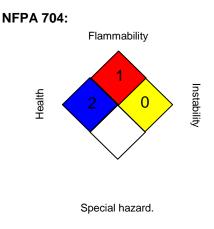
	04/12/2018	89	DS Number: 5430-00004	Date of first issue:	09/07/2017 09/21/2016
					(lb c)
Sodiu	ım selenite		10102-18-8	(lbs)	(lbs) 8849
	im selenite		10102-18-8	100	8849
					0049
	A 304 Extremely Haza	rdou			
Comp	oonents		CAS-No.	Component RQ (lbs)	Calculated product (lbs)
Sodiu	ım selenite		10102-18-8	100	8849
SAR	A 302 Extremely Haza	rdou	s Substances Th	reshold Planning Q	uantity
Comp	onents		CAS-No.	Compo	onent TPQ (lbs)
Sodiu	ım selenite		10102-18-8		10000
Sodiu	ım selenite		10102-18-8		100
SARA	A 311/312 Hazards	•	Respiratory or sk Specific target or	rgan toxicity (single o	r repeated exposure)
SARA	4 313	:		mponents are subject ARA Title III, Section	
			Sodium selenite	10102-18-	8 0.35 - 1.13
05 5	tate Regulations				
	tate Regulations sylvania Right To Kn	ow			
	-	ow			7732-18-5
	sylvania Right To Kn Water		bitan monooleate		7732-18-5 9005-65-6
	sylvania Right To Kn Water	ol soi	bitan monooleate stor oil		
	sylvania Right To Kn Water Polyethylene glyc	ol soi ol ca:	stor oil		9005-65-6
	sylvania Right To Kn Water Polyethylene glyc Polyethylene glyc (dl)-a-Tocopheryl Benzyl alcohol	ol soi ol ca:	stor oil		9005-65-6 61791-12-6
	sylvania Right To Kn Water Polyethylene glyc Polyethylene glyc (dl)-a-Tocopheryl	ol soi ol ca:	stor oil		9005-65-6 61791-12-6 7695-91-2
Penn	sylvania Right To Kn Water Polyethylene glyc Polyethylene glyc (dl)-a-Tocopheryl Benzyl alcohol	ol soi ol ca:	stor oil		9005-65-6 61791-12-6 7695-91-2 100-51-6
Penn Califo This p	sylvania Right To Kn Water Polyethylene glyc Polyethylene glyc (dl)-a-Tocopheryl Benzyl alcohol Sodium selenite	ol soi ol cas aceta	stor oil ate y chemicals knowr		9005-65-6 61791-12-6 7695-91-2 100-51-6 10102-18-8
Calif c This p birth,	sylvania Right To Kn Water Polyethylene glyc Polyethylene glyc (dl)-a-Tocopheryl Benzyl alcohol Sodium selenite ornia Prop. 65 product does not conta	ol soi ol cas aceta in any ive de	stor oil ate y chemicals knowr efects.		9005-65-6 61791-12-6 7695-91-2 100-51-6 10102-18-8
Calif c This p birth,	sylvania Right To Kn Water Polyethylene glyc Polyethylene glyc (dl)-a-Tocopheryl Benzyl alcohol Sodium selenite ornia Prop. 65 product does not conta or any other reproduct	ol soi ol cas aceta in any ive de	stor oil ate y chemicals knowr efects.		9005-65-6 61791-12-6 7695-91-2 100-51-6 10102-18-8
Penn Califo This p birth, Califo	sylvania Right To Kn Water Polyethylene glyc Polyethylene glyc (dl)-a-Tocopheryl Benzyl alcohol Sodium selenite ornia Prop. 65 product does not conta or any other reproduct ornia List of Hazardoo Sodium selenite	in any ive de us Su	stor oil ate y chemicals knowr efects. I bstances	n to the State of Califo	9005-65-6 61791-12-6 7695-91-2 100-51-6 10102-18-8 ornia to cause cancer 10102-18-8
Penn Califo This p birth, Califo	sylvania Right To Kn Water Polyethylene glyc Polyethylene glyc (dl)-a-Tocopheryl Benzyl alcohol Sodium selenite ornia Prop. 65 product does not conta or any other reproduct	in any ive de us Su	stor oil ate y chemicals knowr efects. I bstances	n to the State of Califo	9005-65-6 61791-12-6 7695-91-2 100-51-6 10102-18-8 ornia to cause cancer 10102-18-8
Penn Califo This p birth, Califo Califo	sylvania Right To Kn Water Polyethylene glyc Polyethylene glyc (dl)-a-Tocopheryl Benzyl alcohol Sodium selenite ornia Prop. 65 product does not conta or any other reproduct ornia List of Hazardoo Sodium selenite	in any ive de us Su	stor oil ate y chemicals knowr efects. I bstances re Limits for Cher	n to the State of Califo	9005-65-6 61791-12-6 7695-91-2 100-51-6 10102-18-8 ornia to cause cancer 10102-18-8 10102-18-8
Penn Califo This p birth, Califo Califo	sylvania Right To Kn Water Polyethylene glyc Polyethylene glyc (dl)-a-Tocopheryl Benzyl alcohol Sodium selenite ornia Prop. 65 product does not conta or any other reproduct ornia List of Hazardoo Sodium selenite ornia Permissible Exp Sodium selenite	in any ive de us Su	stor oil ate y chemicals knowr efects. I bstances re Limits for Cher	n to the State of Califo	9005-65-6 61791-12-6 7695-91-2 100-51-6 10102-18-8 ornia to cause cancer 10102-18-8 10102-18-8
Penn Califo This p birth, Califo Califo The in	sylvania Right To Kn Water Polyethylene glyc Polyethylene glyc (dl)-a-Tocopheryl Benzyl alcohol Sodium selenite ornia Prop. 65 product does not conta or any other reproduct ornia List of Hazardoo Sodium selenite ornia Permissible Exp Sodium selenite	in any ive de us Su	stor oil ate y chemicals knowr efects. I bstances re Limits for Cher are reported in t	n to the State of Califo	9005-65-6 61791-12-6 7695-91-2 100-51-6 10102-18-8 ornia to cause cancer 10102-18-8 10102-18-8



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SECTION 16. OTHER INFORMATION

Further information



HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH NIOSH REL OSHA Z-1	:	USA. ACGIH Threshold Limit Values (TLV) USA. NIOSH Recommended Exposure Limits USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim- its for Air Contaminants
US WEEL ACGIH / TWA NIOSH REL / TWA	:	USA. Workplace Environmental Exposure Levels (WEEL) 8-hour, time-weighted average Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
OSHA Z-1 / TWA US WEEL / TWA		8-hour time weighted average 8-hr TWA

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation: DOT - Department of Transportation: DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule: ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC -International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse)



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Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Sources of key data used to	:	Internal technical data, data from raw material SDSs, OECD
compile the Material Safety		eChem Portal search results and European Chemicals Agen-
Data Sheet		cy, http://echa.europa.eu/

Revision Date : 04/12/2018

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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