

CARBOSULFAN UNLABELED 100 UG/ML IN 1,4-DIOXANE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 13/12/2017 Revision date: : Version: 1.0

ULM-10428-S

SECTION 1: Identification of the substance/mixture and of the company/undertaking **Product identifier** 1.1. Product form : Mixtures Product name : CARBOSULFAN UNLABELED 100 UG/ML IN 1,4-DIOXANE Product code : ULM-10428-S 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. **Relevant identified uses** : Professional use Main use category Industrial/Professional use spec : For professional use only 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safety data sheet Cambridge Isotope Laboratories, Inc. 50 Frontage Road Andover, MA 01810 USA USA: 1-800-322-1174 Int: 1-978-749-8000 cilsales@isotope.com www.isotope.com **Emergency telephone number** Emergency numbers: Chemtrec: 1-800-424-9300 (24 hours) International: 1-703-741-5970 (24 hours) SECTION 2: Hazards identification Classification of the substance or mixture 2.1. Classification according to Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 2 H225 Eye Irrit. 2 H319 Carc. 2 H351 STOT SE 3 H335

Full text of hazard classes and H-statements : see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Carc.Cat.3; R40 F; R11 Xi; R36 Full text of R-phrases: see section 16

GHS-US classification

Flam. Liq. 2 H225 Eye Irrit. 2 H319 Carc. 2 H351 STOT SE 3 H335

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Liver, Kidney, Central nervous system.

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P403+P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

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3.1. Substances

Not applicable

3.2. Mixtures			
Name	Product identifier	%	Classification according to Directive 67/548/EEC
1,4-DIOXANE (P-DIOXANE) UNLABELED	(CAS No) 123-91-1 (EC No) 204-661-8 (EC Index No) 603-024-00-5 (REACH-no) 01-2119462837-26	99.9903	F; R11 Xi; R36/37 Carc.Cat.3; R40
CARBOSULFAN UNLABELED	(CAS No) 55285-14-8 (EC No) 259-565-9 (EC Index No) : 006-084-00-5	0.0097	N; R50/53 T; R23/25 R43
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,4-DIOXANE (P-DIOXANE) UNLABELED	(CAS No) 123-91-1 (EC No) 204-661-8 (EC Index No) 603-024-00-5 (REACH-no) 01-2119462837-26	99.9903	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H335
CARBOSULFAN UNLABELED	(CAS No) 55285-14-8 (EC No) 259-565-9 (EC Index No) : 006-084-00-5	0.0097	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Name	Product identifier	%	GHS-US classification
1,4-DIOXANE (P-DIOXANE) UNLABELED	(CAS No) 123-91-1	99.9903	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 Carc. 2, H351 STOT SE 3, H335
CARBOSULFAN UNLABELED	(CAS No) 55285-14-8	0.0097	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of R- and H-statements: see section 16

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible). Evacuate danger area	
First-aid measures after inhalation	: When symptoms occur: go into open air and ventilate suspected area. If not breathing, give artificial respiration. Get medical advice/attention. Remove victim to fresh air and keep at rest i a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.	
First-aid measures after skin contact	: Wash with plenty of soap and water. Get immediate medical advice/attention. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.	
First-aid measures after eye contact	: Rinse cautiously with water for several minutes.	
First-aid measures after ingestion	: Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.	
4.2. Most important symptoms and effe	ects, both acute and delayed	
Symptoms/injuries after inhalation	: May be harmful if inhaled. May cause respiratory irritation.	
Symptoms/injuries after skin contact	: May be harmful in contact with skin. May cause moderate irritation.	
Symptoms/injuries after eye contact	: Causes serious eye irritation.	
Symptoms/injuries after ingestion : May be harmful if swallowed.		
4.3. Indication of any immediate medical attention and special treatment needed		
No additional information available		
SECTION 5: Fire-fighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	: Water spray. dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).	
5.2. Special hazards arising from the s	ubstance or mixture	
Fire hazard	Highly flammable liquid and vapour.	
Explosion hazard	: May form flammable/explosive vapour-air mixture.	

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Reactivity	:	Highly flammable liquid and vapour. N	lay form flammable/explosive vapour-air mixture.
5.3. Advice for firefighter	S		
Firefighting instructions :			a reasonable distance. Wear a self contained breathing but proper protective equipment, including respiratory
Protection during firefighting :		Do not enter fire area without proper protective equipment, including respiratory protection. Wear recommended personal protective equipment.	
SECTION 6: Accidental	release measure	es	
6.1. Personal precautions	s, protective equipm	nent and emergency procedures	
General measures		Remove ignition sources. Use special smoking.	care to avoid static electric charges. No open flames. No
6.1.1. For non-emergency	personnel		
Emergency procedures		Avoid breathing vapours, mist, gas. Av as required. Ensure adequate air vent	void dust formation. Use personal protective equipment ilation. Evacuate danger area.
6.1.2. For emergency respo	onders		
Protective equipment		Do not attempt to take action without s efer to section 8: "Exposure controls/	suitable protective equipment. For further information personal protection".
6.2. Environmental preca			
		ow to enter drains or water courses. A	Avoid release to the environment.
6.3. Methods and materia			
For containment	a a d	absorbent material to collect it. Small on absorbent material and shovel into con- like and charge it with wet sand or ea	
Methods for cleaning up			e disposed of in a safe way, and as per local legislation.
Other information	: [Dispose of materials or solid residues	at an authorized site.
6.4. Reference to other set			
For further information refer to s	ection 13.		
SECTION 7: Handling ar			
7.1. Precautions for safe	•		
Additional hazards when proces			cause residual vapours are flammable.
Precautions for safe handling : Avoid breathing dust, mist or spray. No open flames. No smoking. Use only non-sparkin Obtain special instructions before use. Do not handle until all safety precautions have be read and understood. Avoid breathing dust, fume, gas, mist, spray, vapours. Use only o or in a well-ventilated area.		. Do not handle until all safety precautions have been	
Hygiene measures		Wash hands and other exposed areas moking and when leaving work.	with mild soap and water before eating, drinking or
7.2. Conditions for safe s	storage, including ar	ny incompatibilities	
Technical measures	echnical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof Lighting equipment, ventilating equipment.		
Storage conditions	: S	Store at room temperature away from	light and moisture.
Incompatible materials	: F	leat sources.	
7.3. Specific end use(s)			
No additional information available			
SECTION 8: Exposure controls/personal protection			
8.1. Control parameters			
CARBOSULFAN UNLABELE	D 100 UG/ML IN 1,4-	DIOXANE	
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)		20.00000000 ppm Liver damage. Confirmed animal carcinogen with unknown relevance to humans. Danger of cutaneous absorption.
USA NIOSH	NIOSH REL (ceiling	y) (mg/m³)	3.6 mg/m ³ Potential Occupational Carcinogen. 30 minute ceiling value.
USA NIOSH	NIOSH REL (ceiling	ŋ) (ppm)	1 ppm Potential Occupational Carcinogen. 30 minute ceiling value.
USA OSHA	OSHA PEL (TWA) ((mg/m³)	90 mg/m³ Skin notation.
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USA OSHA

OSHA PEL (TWA) (ppm)

25 ppm Skin notation.

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USA OSHA	Remark (OSHA)	TWA 100 ppm; 360 mg/m3 Skin Designation. The value in mg/m3 is approximate.
1,4-DIOXANE (P-DIOXANE) U	JNLABELED (123-91-1)	
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	20.00000000 ppm Liver damage. Confirmed animal carcinogen with unknown relevance to humans. Danger of cutaneous absorption.
USA NIOSH	NIOSH REL (ceiling) (mg/m ³)	3.6 mg/m ³ Potential Occupational Carcinogen. 30 minute ceiling value.
USA NIOSH	NIOSH REL (ceiling) (ppm)	1 ppm Potential Occupational Carcinogen. 30 minute ceiling value.
USA OSHA	OSHA PEL (TWA) (mg/m³)	90 mg/m ³ Skin notation.
USA OSHA	OSHA PEL (TWA) (ppm)	25 ppm Skin notation.
USA OSHA	Remark (OSHA)	TWA 100 ppm; 360 mg/m3 Skin Designation. The value in mg/m3 is approximate.

: 21 mg/m³ Skin contact - Long-term systemic effects

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8.2. **Exposure controls**

Appropriate engineering controls

: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Personal protective equipment

: Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.



Materials for protective clothing	: Wear suitable protective clothing and gloves.
Hand protection	: Wear suitable protective clothing and gloves.
Eye protection	: Wear eye protection. Chemical goggles or face shield with safety glasses.
Skin and body protection	: Wear suitable protective clothing, gloves and eye/face protection.
Respiratory protection	: In case of inadequate ventilation wear respiratory protection. Approved supplied air respirator.
Environmental exposure controls	: Avoid release to the environment.

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SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and chemical properties		
e properties listed below are for the solvent, the main component of this mixture.		
Physical state	: Liquid	
Appearance	: Liquid.	
Molecular mass	: 88.11 g/mol	
Colour	: Colourless.	
Odour	: No data available.	
Odour threshold	: No data available	
рН	: 6.0 - 8 at 500 g/l at 20 °C (68 °F)	
Relative evaporation rate (butylacetate=1)	: No data available	
Melting point	: 10 - 12 °C (50 -54 °F) - lit.	
Freezing point	: No data available	
Boiling point	: 100 - 102 °C (212 - 216 °F) - lit.	
Flash point	: 12 °C (54 °F) - closed cup	
Auto-ignition temperature	: 375 °C (707 °F)	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: Highly flammable liquid and vapour	
Vapour pressure	: 36 hPa (27 mmHg) at 20 °C (68 °F), 53 hPa (40 mmHg) at 25.20 °C (77.36 °F)	
Relative vapour density at 20 °C	: 3.04 - (Air = 1.0)	
Relative density	: No data available	
Density	: 1.03 g/ml at 25 °C (77 °F)	
Solubility	: Water: completely miscible	
Log Pow	: -0.27	
Log Kow	: No data available	
Viscosity, kinematic	: No data available	
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Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 2 - 22 % (V)
9.2. Other information	
No additional information available	
SECTION 40: Stability and reactivity	
SECTION 10: Stability and reactivity	
10.1. Reactivity	
Highly flammable liquid and vapour. May form fla	inimable/explosive vapour-ali mixture.
10.2. Chemical stability	
See storage and expiration date on CoA.	
10.3. Possibility of hazardous reactions	
No additional information available	
10.4. Conditions to avoid	
Open flame. Direct sunlight.	
10.5. Incompatible materials	
Strong oxidizing agents.	
10.6. Hazardous decomposition products Carbon oxides (CO, CO2).	
SECTION 11: Toxicological informat	ion
11.1. Information on toxicological effects	
Acute toxicity	: Not classified
1,4-DIOXANE (P-DIOXANE) UNLABELED (12	23-91-1)
LD50 oral rat	4200 mg/kg
LD50 dermal rabbit	7858 mg/kg
LC50 inhalation rat (mg/l)	46000 mg/m ³ 2 h - Sense Organs and Special Senses (Nose, Eye, Ear and Taste): Eye: Other.
ATE CLP (oral)	4200.000 mg/kg bodyweight
ATE CLP (dermal)	7858.000 mg/kg bodyweight
ATE CLP (vapours)	46.000 mg/l/4h
ATE CLP (dust,mist)	46.000 mg/l/4h
CARBOSULFAN UNLABELED (55285-14-8)	
LD50 oral rat	51 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	1530 mg/m ³ - 1 h
ATE CLP (oral)	100.000 mg/kg bodyweight
ATE CLP (gases)	700.000 ppmv/4h
ATE CLP (vapours) ATE CLP (dust,mist)	3.000 mg/l/4h 0.500 mg/l/4h
Skin corrosion/irritation	: Not classified
okin contosion/initation	pH: 6.0 - 8 at 500 g/l at 20 °C (68 °F)
Serious eye damage/irritation	: Causes serious eve irritation.
consus eye damago/imation	pH: 6.0 - 8 at 500 g/l at 20 °C (68 °F)
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer (in contact with skin, if inhaled, if swallowed).
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Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.
Symptoms/injuries after inhalation	: May be harmful if inhaled. May cause respiratory irritation.
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Symptoms/injuries after skin contact	: May be harmful in contact with skin. May cause moderate irritation.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
Symptoms/injuries after ingestion	: May be harmful if swallowed.

SECTION 12: Ecological information		
12.1. Toxicity		
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.	
1,4-DIOXANE (P-DIOXANE) UNLA	BELED (123-91-1)	
1,4-DIOXANE (P-DIOXANE) UNLA LC50 fish 1	BELED (123-91-1) 985 mg/l Pimephales promelas (fathead minnow) - 96 h	
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ErC50 (algae)	> 500 mg/l Desmodesmus subspicatus (
CARBOSULFAN UNLABELED (55285-14-8)	
LC50 fish 1	0.071 mg/l Pollimyrus isidori - 72 h

12.2. Persistence and degradability

1,4-DIOXANE (P-DIOXANE) UNLABELED (123-91-1)			
Persistence and degradability	Biodegradability: Result: < 5 % - Not readily biodegradable.		
12.3. Bioaccumulative potential			
CARBOSULFAN UNLABELED 100 UG/ML IN 1	CARBOSULFAN UNLABELED 100 UG/ML IN 1,4-DIOXANE		
Log Pow	-0.27		
1,4-DIOXANE (P-DIOXANE) UNLABELED (123-91-1)			
Log Pow -0.27			
Bioaccumulative potential Does not bioaccumulate.			
12.4. Mobility in soil			
1,4-DIOXANE (P-DIOXANE) UNLABELED (123-91-1)			
Ecology - soil	cology - soil Not available.		
12.5. Results of PBT and vPvB assessment			
No additional information available			

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal consideration	IS
13.1. Waste treatment methods	
Regional legislation (waste)	: Waste materials should be disposed of under conditions which meet Federal, State, and Local environmental control regulations.
Product/Packaging disposal recommendations:	: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Additional information	: Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	: Dispose of as unused product.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN			
14.1. UN number			
UN-No.(DOT)	: 1165		
DOT NA no.	UN1165		
14.2. UN proper shipping name			
Proper Shipping Name (DOT)	: Dioxane		
Class (DOT)	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120		
Hazard labels (DOT)	: 3 - Flammable liquid		
	FLAMMABLE LIQUID		
Packing group (DOT)	: II - Medium Danger		

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DOT Special Provisions (49 CFR 172.102)	: IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized. T4 - 2.65 178.274(d)(2) Normal
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 202
DOT Packaging Bulk (49 CFR 173.xxx)	: 242
14.3. Additional information	
Other information	: No supplementary information available.
Overland transport	
Packing group (ADR)	: 11
Class (ADR)	: 3 - Flammable liquid
Hazard identification number (Kemler No.)	: 33
Classification code (ADR)	: F1
Danger labels (ADR)	: 3 - Flammable liquids
Orange plates	33 1165
Tunnel restriction code (ADR)	: D/E
Limited quantities (ADR)	11
EAC code	: •2YE
Excepted quantities (ADR)	: E2
Transport by sea	
DOT Vessel Stowage Location	: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" or passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
MFAG-No	: 127
Air transport	
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 5L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 60 L
Civil Aeronautics Law	: Flammable liquids
14.4. Environmental hazards	
Other information	: No supplementary information available.
14.5. Special precautions for user	

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code 14.6.

Not applicable

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SECTION 15: Regulatory information				
15.1. US Federal regulations				
CARBOSULFAN UNLABELED 100 UG/ML IN 1,4-DIOXANE				
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.			
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard			
SARA Section 313 - Emission Reporting	Subject to reporting requirements of United States SARA Section 313			
1,4-DIOXANE (P-DIOXANE) UNLABELED (123-91-1)				
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302			
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard			
SARA Section 313 - Emission Reporting	Subject to reporting requirements of United States SARA Section 313			
CARBOSULFAN UNLABELED (55285-14-8)				
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302			
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard			
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313			

15.2. International regulations

CANADA

CARBOSULFAN UNLABELED 100 UG/ML IN 1,4-DIOXANE	
Listed on the Canadian DSL (Domestic Substances List)	

15.2.1. National regulations

No additional information available

15.3. US State re	gulations
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CARBOSULFAN UNLABELED 100 UG/ML IN 1,4-DIOXANE()					
U.S California - Proposition 65 - Carcinogens List		Yes			
U.S California - Proposition 65 - Developmental Toxicity		No			
U.S California - Propositio Toxicity - Female	on 65 - Reproductive	No			
U.S California - Proposition 65 - Reproductive Toxicity - Male		No			
State or local regulations		U.S Massachusetts - Right To Know List U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List			
1,4-DIOXANE (P-DIOXANE	1,4-DIOXANE (P-DIOXANE) UNLABELED (123-91-1)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	
Yes	No	No	No		
CARBOSULFAN UNLABELED (55285-14-8)					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	
No	No	No	No		
1,4-DIOXANE (P-DIOXANE) UNLABELED (123-91-1)					
State or local regulations					
U.S Massachusetts - Righ U.S New Jersey - Right to		e List			

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1,4-DIOXANE (P-DIOXANE) UNLABELED (123-91-1)	
U.S Pennsylvania - RTK (Right to Know) List	
CARBOSULFAN UNLABELED (55285-14-8)	
State or local regulations	
U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List	

SECTION 16: Other information

Other information

: This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.

Full text of R-, H- and EUH-statements:

Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Skin Sens. 1	Sensitisation — Skin, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour
H301	Toxic if swallowed
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H331	Toxic if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
R11	Highly flammable
R23/25	Toxic by inhalation and if swallowed
R36	Irritating to eyes
R36/37	Irritating to eyes and respiratory system
R40	Limited evidence of a carcinogenic effect
R43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
F	Highly flammable
Ν	Dangerous for the environment
Т	Toxic
Xi	Irritant

NFPA health hazard	: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.	
NFPA fire hazard	: 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.	
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.	
HMIS III Rating		
Health	: 2 Moderate Hazard - Temporary or minor injury may occur	
Flammability	: 3 Serious Hazard	
Physical	: 0 Minimal Hazard	

CIL Mixture SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product