

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 Revision date: 19/07/2022 Date of issue: 29/11/2010 Supersedes: 05/04/2021 Version: 4.4 DLM-7

SECTION 4. Identified	sticn of the substance/minture and of the company/undertaking		
	ation of the substance/mixture and of the company/undertaking		
1.1. Product identifie Product form	: Substance		
Substance name	: CHLOROFORM-D (D, 99.8%)		
EC Index-No.	: 602-006-00-4 (Unlabeled)		
EC-No.	: 212-742-4		
CAS-No.	: 865-49-6		
Product code	: DLM-7		
Formula	: CDCl3		
Synonyms	: Deuterochloroform; Trichcloromethane; Methylidyne trichloride		
	ed uses of the substance or mixture and uses advised against		
1.2.1. Relevant identifie			
Main use category	: Professional use		
Industrial/Professional use s	pec : For professional use only		
1.2.2. Uses advised ag	ainst		
No additional information av	ailable		
1.3. Details of the sup	oplier 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 telep	hone number		
Emergency numbers:			
Chemtrec: 1-800-424-9300 International: 1-703-741-59			
SECTION 2: Hazards	identification		
2.1. Classification of	the substance or mixture		
Classification according to	D Regulation (EC) No. 1272/2008 [CLP]		
Acute Tox. 4 (Oral) H	302		
Acute Tox. 3 (Inhalation) H	331		
Skin Irrit. 2 H	315		
Eye Irrit. 2 H	319		
Carc. 2 H	351		
Repr. 2 H	361		
STOT SE 3 H	336		
STOT RE 1 H	372		
Full text of hazard classes a	nd H-statements : see section 16		
Classification according to	Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]		

Carc.Cat.3; R40 T; R23 Xi; R36/38 Xn; R22 Repr.Cat.3; R62 Repr.Cat.3; R63 T; R48/23 R67

Full text of R-phrases: see section 16

GHS-US classification

Acute Tox. 4 (Oral) H302

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Acute Tox. 3 (Inhalation)	H331
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Carc. 2	H351
Repr. 2	H361
STOT SE 3	H336
STOT RE 1	H372

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Central nervous system, Blood, Liver, Cardiovascular system, Kidney. Suspected of causing cancer (if inhaled, if swallowed, in contact with skin). Suspected of damaging fertility, Suspected of damaging the unborn child. (if inhaled, if swallowed, in contact with skin). Causes damage to organs (central nervous system, blood, liver, cardiovascular system, kidneys) through prolonged or repeated exposure (if inhaled, if swallowed, in contact with skin). May cause drowsiness or dizziness. Toxic if inhaled. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.



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P280 - Wea	r protective	clothing,	protective	gloves.
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- P301+P312 If swallowed: Call a doctor, a POISON CENTER if you feel unwell
- P302+P352 If on skin: Wash with plenty of water
- P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P308+P313 - If exposed or concerned: Get medical advice/attention.

- P311 Call a doctor, a POISON CENTER
- P312 Call a doctor, a POISON CENTER if you feel unwell
- P314 Get medical advice/attention if you feel unwell.
- P321 Specific treatment (see Hazard pictograms (CLP) on this label)
- P330 Rinse mouth.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P501 Dispose of contents/container to Comply with applicable regulations

2.3. **Other hazards**

No additional information available

SECTION 3: Composition/Information on ingredients

Name	Product identifier	%	Classification according to Directive 67/548/EEC
CHLOROFORM-D (D, 99.8%)	(CAS-No.) 865-49-6 (EC-No.) 212-742-4 (EC Index-No.) 602-006-00-4 (Unlabeled)	100	Carc.Cat.3; R40 T; R23 Xi; R36/38 Xn; R22 Repr.Cat.3; R62 Repr.Cat.3; R63 T; R48/23 R67
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
CHLOROFORM-D (D, 99.8%)	(CAS-No.) 865-49-6 (EC-No.) 212-742-4 (EC Index-No.) 602-006-00-4 (Unlabeled)	100	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 2, H351 Repr. 2, H361 STOT SE 3, H336 STOT RE 1, H372

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

Name	Product identifier	%	GHS-US classification
CHLOROFORM-D (D, 99.8%) (Main constituent)	(CAS-No.) 865-49-6	100	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation), H331 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Carc. 2, H351 Repr. 2, H361 STOT SE 3, H336 STOT RE 1, H372

Full text of H-phrases: see section 16

3.2. Mixtures Not applicable	
SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Evacuate danger area. If medical advice is needed, have product container or label at hand. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Move the affected person away from the contaminated area and into the fresh air. If not breathing, give artificial respiration. Get immediate medical advice/attention. Call a doctor.

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First-aid measures after skin contact	: Wash with plenty of soap and water. Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Get medical advice/attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. Rinse mouth. Call a poison center/doctor/physician if you feel unwell.
4.2. Most important symptoms and effe	cts, both acute and delayed
Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: Toxic if inhaled. Respiratory tract irritation.
Symptoms/effects after skin contact	: Harmful in contact with skin. Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: Harmful if swallowed.
	al attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the su	ibstance or mixture
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
5.3. Advice for firefighters	
Firefighting instructions	: Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Wear self-contained breathing apparatus, rubber boots and thick rubber gloves. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release mea	
	quipment and emergency procedures
	dupment and emergency procedures
6.1.1. For non-emergency personnel	Manifesta and the second data and the second s
Emergency procedures	 Ventilate spillage area. Use personal protective equipment as required. Ensure adequate air ventilation. Evacuate unnecessary personnel. Do not breathe dust, fume, gas, mist, spray, vapors. Avoid contact with skin and eyes.
6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2. Environmental precautions	
Avoid release to the environment. Prevent entry	to sewers and public waters.
6.3. Methods and material for containm	ent and cleaning up
For containment	: Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Keep in suitable, closed containers for disposal.
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13.	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Avoid all eye and skin contact and do not breathe vapor and mist. Keep away from sources of ignition - No smoking.
Precautions for safe handling	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe dust, fume, gas, spray, vapors, mist. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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7.2. Conditions for safe s	storage, including any incompatibilities			
Technical measures : Store tightly closed in a dry and cool place. Containers which are opened should be pro- resealed and kept upright to prevent leakage.				
Storage conditions	Storage conditions : Store refrigerated (-5 °C to 5 °C). Protect from light.			
7.3. Specific end use(s)				
No additional information availa	ble			
SECTION 8: Exposure c	ontrols/personal protection			
8.1. Control parameters				
CHLOROFORM-D (D, 99.8%)	(865-49-6)			
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	10.00000000 ppm Basis: USA. ACGIH Threshold Limit Values (TLV)		
Italy - Portugal - USA ACGIH	Remark (ACGIH)	Central Nervous system impairment. Liver damage. Embryo/fetal damage. Confirmed animal carcinogen with unknown relevance to humans.		
USA NIOSH	NIOSH REL (STEL) (mg/m ³)	9.78 mg/m ³ Basis: USA. NIOSH Recommended Exposure Limits		
USA NIOSH	NIOSH REL (STEL) (ppm)	2 ppm Basis: USA. NIOSH Recommended Exposure Limits		
USA NIOSH	Remark (NIOSH)	Potential Occupational Carcinogen. See Appendix A.		
USA OSHA	OSHA PEL (TWA) (mg/m³)	9.78 mg/m ³ Basis: USA. Occupational Exposure Limits (OSHA) Table Z-1 Limits for Air Contaminants - 1910.1000		
USA OSHA	OSHA PEL (TWA) (ppm)	2 ppm Basis: USA. Occupational Exposure Limits (OSHA) Table Z-1 Limits for Air Contaminants - 1910- .1000		
USA OSHA	OSHA PEL (Ceiling) (mg/m ³)	240 mg/m ³ Basis: USA. Occupational Exposure Limits (OSHA) Table Z-1 Limits for Air Contaminants.		
USA OSHA	OSHA PEL (Ceiling) (ppm)	50 ppm Basis: USA. Occupational Exposure Limits (OSHA) Table Z-1 Limits for Air Contaminants.		
USA OSHA	Remark (OSHA)	The value in mg/m3 is approximate. Ceiling limit is to be determined from breathing-zone air samples. Value: PEL Control Parameters: 2 ppm / 9.78 mg/m3 Basis: California permissible exposure limits for chemical contaminants (Title 8, Article 107)		

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.

SECTION 9: Physical and chemical properties

рН	: No data available	
Odor threshold	: No data available	
Odor	: No data available	
Color	: Clear Colorless	
Molecular mass	: 120.38 g/mol (Labeled)	
Appearance	: Liquid	
Physical state	: Liquid	
9.1. Information on basic p	hysical and chemical properties	

SECTION 10: Stability and reactivity

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Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: -63 °C (-81 °F)
Freezing point	: No data available
Boiling point	: 60.5 - 61.5 °C (140.9 - 142.7 °F)
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: 213.3 hPa (160 mmHg) at 20 °C (68 °F)
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.5 g/mL at 25 °C (77 °F) (Labeled)
Solubility	: No data available
Log Pow	: 1.97
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available
9.2. Other information	
No additional information available	

SECTION TO. Stability an		
10.1. Reactivity		
The product is non-reactive under normal conditions of use, storage and transport.		
10.2. Chemical stability		
Six months after receipt if stored	as stated in "Storage" section. Re-QC after six months.	
10.3. Possibility of hazardo	bus reactions	
No dangerous reactions known u	nder normal conditions of use.	
10.4. Conditions to avoid		
No additional information availab	le	
10.5. Incompatible materia	ls	
Strong oxidizing agents. Magnes	ium. Lithium (Li). Strong bases. Sodium (Na).	
10.6. Hazardous decompos	sition products	
Carbon oxides (CO, CO2). Hydro	ogen chloride. Phosgene.	
SECTION 11: Toxicologi	cal information	
11.1. Information on toxico	logical effects	
Acute toxicity	: Oral: Harmful if swallowed. Inhalation: Toxic if inhaled.	
CHLOROFORM-D (D, 99.8%) (865-49-6)		
LD50 oral rat	908 mg/kg Remarks: Behavioral: Change in motor activity (specific assay). Behavioral: Ataxia. Lungs, Thorax, or Respiration: Respiratory stimulation.	
LD50 dermal rabbit	> 20000 mg/kg	
ATE CLP (oral)	908.000 mg/kg body weight	
ATE CLP (gases)	700.000 ppmV/4h	
ATE CLP (vapors)	3.000 mg/l/4h	
ATE CLP (dust, mist) 0.500 mg/l/4h		
Skin corrosion/irritation : LD50 dermal rabbit - Irritating to skin - 24 Hours		
Serious eye damage/irritation : Eyes – rabbit - Result: Irritating to eyes - 24 Hours		
Respiratory or skin sensitization	: Did not cause sensitization	
Germ cell mutagenicity	: Based on animal experimentation, it is proved that product has shown mutagenic effects	
Carcinogenicity	: Carcinogenicity - Rat - Oral	
CHLOROFORM-D (D, 99.8%)	(865-49-6)	
Carcinogenicity, oral, rat	Tumorigenic: Carcinogenic by RTECS criteria. Leukemia.	

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Reproductive toxicity	:	Suspected of damaging fertility, Suspected of damaging the unborn child. (in contact with skin, if inhaled, if swallowed).
Specific target organ toxicity - single exposure	:	May cause drowsiness or dizziness.
Specific target organ toxicity – repeated exposure	:	Causes damage to organs (central nervous system, kidneys, liver) through prolonged or repeated exposure (in contact with skin, if inhaled, if swallowed).
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. Vomiting. Gastrointestinal complaints. Alcohol ingestion increases toxic product effects. stomach.
IARC group	:	2B
Symptoms/effects after inhalation	:	Toxic if inhaled. Respiratory tract irritation.
Symptoms/effects after skin contact	:	Harmful in contact with skin. Causes skin irritation.
Symptoms/effects after eye contact	:	Causes serious eye irritation.
Symptoms/effects after ingestion	:	Harmful if swallowed.

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
CHLOROFORM-D (D, 99.8%) (865-49-6)	
LC50 fish 1	162 mg/l Leuciscus idus (Golden orfe) - 48 h
LC50 other aquatic organisms 1	97 mg/l Other fish - 96 h
EC50 Daphnia 1	79 mg/l Daphoja magna (Water flea) - 24 h

EC50 Daphnia 1	79 mg/l Daphnia magna (Water flea) - 24 h
EC50 other aquatic organisms 1	51.6 mg/l Immobilization EC50 - Daphnia magna (Water flea) - 48 h
LC50 fish 2	121 mg/l Danio rerio (Zebra fish) - 96 h
ErC50 (algae)	500 mg/l 24 h
LOEC (acute)	Inhalation - Rat - male - 500 ppm - 6 h
NOEC (chronic)	122 mg/l Oryzias latipes (Japanese rice fish) - 10 d
NOEC chronic fish	24 mg/l Oncorhynchus mykiss (Rainbow trout) - 96 h
NOEC chronic algae	120 mg/l Daphnia magna (Water flea) - 11 d

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential	
CHLOROFORM-D (D, 99.8%) (865-49-6)	
BCF fish 1	-0.11 mg/l Lepomis macrochirus (Bluegill) - 14 d
Bioconcentration factor (BCF REACH)	6
Log Pow	1.97

Mobility in soil 12.4.

No additional information available

12.5. **Results of PBT and vPvB assessment**

No additional information available

12.6. Other adverse effects

Other adverse effects

: Avoid release to the environment. Disposal must be done according to official regulations. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal consideration	1S
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.
Ecology - waste materials	: Dispose of as unused product.

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SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / A	DN
14.1. UN number	
UN-No.(DOT)	: 1888
DOT NA no.	UN1888
44.2 UN proper chipping name	
14.2. UN proper shipping name Proper Shipping Name (DOT)	: Chloroform
Class (DOT)	: 6.1 - Class 6.1 - Poisonous materials 49 CFR 173.132
Hazard labels (DOT)	: 6.1 - Poison
	POISON
	6
Packing group (DOT)	: III - Minor Danger
DOT Special Provisions (49 CFR 172.102)	: IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). 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, except for UN2672 (also see Special Provision IP8 in Table
	2 for UN2672). N36 - Aluminum or aluminum alloy construction materials are permitted only for halogenated
	hydrocarbons that will not react with aluminum.
	T7 - 4 178.274(d)(2) Normal 178.275(d)(3)
	TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the
	temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of
	cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For
	liquids transported under ambient conditions may be calculated using the formula: (image)
	Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C
	(59 F) and 50 C (122 F), respectively.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 153
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 241
DOT RQ	: 10 lbs
Marine pollutant	: No
14.3. Additional information	
Emergency Response Guide (ERG) Number	: 151
Other information	: No supplementary information available.
Overland transport	
Overland transport Packing group (ADR)	: 111
Class (ADR)	: 6.1 - Toxic substances
Hazard identification number (Kemler No.)	: 60
Classification code (ADR)	: T1
Hazard labels (ADR)	: 6.1 - Toxic substances
Tiazaiù labels (ADR)	
	6
Orange plates	¹ 60
	1888
Tuppel restriction and (ADD)	
Tunnel restriction code (ADR)	: E 5l
Limited quantities (ADR) EAC	51 : 2Z
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Excepted quantities (ADR)	:	E1
Transport by sea		
DOT Vessel Stowage Location	:	A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other	:	40 - Stow "clear of living quarters"
MFAG-No	:	151
Air transport		
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	220 L
Civil Aeronautics Law	:	Toxic and infectious substances/Toxic substances

14.4.	Environmental hazards	
Other ir	formation	: 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

SECTION 15: Regulatory information	
15.1. US Federal regulations	
CHLOROFORM-D (D, 99.8%) (865-49-6)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Subject to reporting requirements of United States SARA Section 302
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
SARA Section 313 - Emission Reporting	Subject to reporting requirements of United States SARA Section 313

15.2. International regulations

CANADA CHLOROFORM-D (D, 99.8%) (865-49-6) Listed on the Canadian DSL (Domestic Substances List)

15.2.1. **National regulations**

No additional information available

15.3. US State regulations

CHLOROFORM-D (D, 99.8%)(865-49-6)	
U.S California - Proposition 65 - Carcinogens List	Yes
U.S California - Proposition 65 - Developmental Toxicity	No
U.S California - Proposition 65 - Reproductive Toxicity - Female	Yes
U.S California - Proposition 65 - Reproductive Toxicity - Male	Yes
State or local regulations	RTK - U.S Massachusetts - Right To Know List RTK - U.S Pennsylvania - RTK (Right to Know) List RTK - U.S New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

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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-phrases:	

text of R-, H- and EUH-phra	Ses:
Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Repr. 2	Reproductive toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H331	Toxic if inhaled
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
R22	Harmful if swallowed
R23	Toxic by inhalation
R36/38	Irritating to eyes and skin
R40	Limited evidence of a carcinogenic effect
R48/23	Toxic: danger of serious damage to health by prolonged exposure through inhalation
R62	Possible risk of impaired fertility
R63	Possible risk of harm to the unborn child
R67	Vapors may cause drowsiness and dizziness
Т	Toxic
Xi	Irritant
Xn	Harmful

NFPA health hazard	: 3 - Materials that, under emergency conditions, can cause serious or permanent injury.
NFPA fire hazard	: 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.
Hazard Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	: 0 Minimal Hazard
Physical	: 0 Minimal Hazard

CIL Substance 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