

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 7/31/2014 Revision date: 2/8/2024 Supersedes: 7/31/2014 Version: 2.0

SECTION 1: Identification	
1.1. Identification	
Product form Product name Product code Synonyms	 Mixture 2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12, 99%) 40+/-2 UG/ML IN NONANE EC-1407 2,2',3,4,4',5,5'-Heptachlorobiphenyl
1.2. Recommended use and restrictions of	on use
No additional information available	
1.3. Supplier	
Cambridge Isotope Laboratories, Inc. 50 Frontage Rd 01810 ANDOVER, MA, 01810 USA T 1-800-322-1174 <u>cilsales@isotope.com</u> - <u>www.isotope.com</u>	
1.4. Emergency telephone number	
Emergency number	: 1-703-741-5970 Chemtrec 1-800-424-9300 24 hours
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or mi	xture
GHS US classification	
Flammable liquids Category 3 Acute toxicity (inhalation:dust,mist) Category 4	H226 Flammable liquid and vapor H332 Harmful if inhaled

riaminable liquius Category 5	11220	Fiammable liquiu anu vapol
Acute toxicity (inhalation:dust,mist) Category 4	H332	Harmful if inhaled
Skin corrosion/irritation Category 2	H315	Causes skin irritation
Serious eye damage/eye irritation Category 2A	H319	Causes serious eye irritation
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness
Aspiration hazard Category 1	H304	May be fatal if swallowed and enters airways
Full text of H statements : see section 16		

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)

Signal word (GHS US) Hazard statements (GHS US)



: Danger

:

- : H226 Flammable liquid and vapor
- H304 May be fatal if swallowed and enters airways
- H315 Causes skin irritation
- H319 Causes serious eye irritation

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	H332 - Harmful if inhaled H336 - May cause drowsiness or dizziness
Precautionary statements (GHS US)	: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. heat, hot surfaces, open flames, sparks
	P233 - Keep container tightly closed.
	P240 - Ground/Bond container and receiving equipment.
	P241 - Use explosion-proof electrical, lighting, ventilating equipment.
	P242 - Use only non-sparking tools.
	P243 - Take precautionary measures against static discharge.
	P261 - Avoid breathing dust, fume, gas, mist, spray, vapors.
	P264 - Wash Both hands thoroughly after handling.
	P271 - Use only outdoors or in a well-ventilated area.
	P280 - Wear protective gloves, protective clothing.
	P301+P310 - If swallowed: Immediately call a poison center or doctor.
	P302+P352 - If on skin: Wash with plenty of water.
	P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse
	skin with water/shower.
	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.
	P312 - Call a poison center or doctor if you feel unwell.
	P321 - Specific treatment (see Hazard pictograms (CLP) on this label).
	P331 - Do NOT induce vomiting.
	P332+P313 - If skin irritation occurs: Get medical advice/attention.
	P337+P313 - If eye irritation persists: Get medical advice/attention.
	P362 - Take off contaminated clothing and wash before reuse.
	P370+P378 - In case of fire: Use Alcohol resistant foam, Carbon dioxide, Dry chemical, Water
	spray to extinguish.
	P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
	P403+P235 - Store in a well-ventilated place. Keep cool.
	P405 - Store locked up.
	P501 - Dispose of contents/container to Comply with applicable regulations.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
N-NONANE UNLABELED	CAS-No.: 111-84-2		Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336 Asp. Tox. 1, H304

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Name	Product identifier	%	GHS US classification
2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12, 99%)	CAS-No.: 35065-29-3 (Unlabeled)		STOT SE 2, H371 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell. Give oxygen or artificial respiration if necessary.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: 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	: Do not induce vomiting. Call a physician immediately.
4.2. Most important symptoms and effect	ts (acute and delayed)
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/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: Harmful if inhaled. May cause respiratory irritation.
Symptoms/effects after skin contact	: Causes skin irritation. May be harmful in contact with skin.
Symptoms/effects after eye contact Symptoms/effects after ingestion	: Causes serious eye irritation. : May be fatal if swallowed and enters airways. Risk of lung edema.
Symptoms/enects after ingestion	. Iviay be ratar it swallowed and enters an ways. RISK OF lung edema.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures			
5.1. Suitable (and unsuitable) extinguishing media			
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide. Alcohol resistant foam.		
5.2. Specific hazards arising from the chemical			
Fire hazard Hazardous decomposition products in case of fire	Flammable liquid and vapor.Toxic fumes may be released.		
5.3. Special protective equipment and precautions for fire-fighters			
Firefighting instructions Protection during firefighting	 Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. 		

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SECTION 6: Accidental release measures			
6.1. Personal precautions, protective equipr	6.1. Personal precautions, protective equipment and emergency procedures		
General measures	: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.		
6.1.1. For non-emergency personnel			
Emergency procedures	: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.		
6.1.2. For emergency responders			
Protective equipment	: Avoid breathing dust, mist or spray.		
6.2. Environmental precautions			
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.			
6.3. Methods and material for containment and cleaning up			
For containment	: Contain spillage, then collect with non-combustible absorbent material. Disposal should be in accordance with applicable Federal, State and local regulations.		
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.		

: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Other information

For further information refer to section 13.

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Additional hazards when processed	: Avoid all contact with skin, eyes, or clothing. Keep away from sources of ignition - No smoking. Do not breathe gas/fumes/vapor/spray (appropriate wording to be specified by the manufacturer). Take precautionary measures against static discharges.	
Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing fume, gas, mist, spray, vapors. Avoid contact with skin and eyes.	
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.	
7.2. Conditions for safe storage, including any incompatibilities		
Technical measures	: Store in a well-ventilated place. Keep container tightly closed. Keep dry. Ground/bond container and receiving equipment.	
Storage conditions	: Store at room temperature away from light and moisture.	

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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	2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12, 99%) 40+/-2 UG/ML IN NONANE		
USA - ACGIH - Occupational Exposure Limits			
Local name	Nonane		
ACGIH OEL TWA [ppm]	200 ppm USA. ACGIH Threshold Limit Values (TLV)		
Remark (ACGIH)	CNS impair		
ACGIH chemical category	No component of this product present at levels greater than or equal to 0.1% is identifiable as a carcinogen or potential carcinogen by ACGIH.		
N-NONANE UNLABELED (111-84-2)			
USA - ACGIH - Occupational Exposure Limits			
Local name	Nonane		
ACGIH OEL TWA [ppm]	200 ppm USA. ACGIH Threshold Limit Values (TLV)		
Remark (ACGIH)	CNS impair		
ACGIH chemical category	No component of this product present at levels greater than or equal to 0.1% is identifiable as a carcinogen or potential carcinogen by ACGIH.		
USA - OSHA - Occupational Exposure Limits			
OSHA PEL TWA [1]	1050 mg/m ³ USA. OSHA - Table Z-1 Limits for Air Contaminants - 1910.1000		
OSHA PEL TWA [2]	200 ppm USA. OSHA - Table Z-1 Limits for Air Contaminants - 1910.1000		
OSHA PEL C	1050 California permissible exposure limits for chemical contaminants.		
OSHA PEL C [ppm]	200 ppm California permissible exposure limits for chemical contaminants.		
USA - NIOSH - Occupational Exposure Limits			
NIOSH REL TWA	1050 mg/m ³ USA. NIOSH Recommended Exposure Limits		
NIOSH REL TWA [ppm]	200 ppm USA. NIOSH Recommended Exposure Limits		
Remark (NIOSH)	Central Nervous System impairment		
2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12,	99%) (35065-29-3 (Unlabeled))		
USA - ACGIH - Occupational Exposure Limits			
ACGIH chemical category	No component of this product present at levels greater than or equal to 0.1% is identifiable as a carcinogen or potential carcinogen by ACGIH.		
8.2. Appropriate engineering controls			
Appropriate engineering controls: Ensure good ventilation of the work station.Environmental exposure controls: Avoid release to the environment.			
8.3. Individual protection measures/Personal	protective equipment		
Personal protective equipment: Protective clothing. Protective goggles. Gloves. Self-contained breathing apparatus.			
Materials for protective clothing:			
Wear suitable protective clothing and gloves			
Hand protection:			

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Eye protection:

Chemical goggles or face shield. Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing, gloves and eye/face protection

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Approved respirator

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Appearance	: Liquid : Liquid.
Color	: Colorless
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: Not applicable
Freezing point	: -53 °C (- 63 °F) - lit
Boiling point	: 151 °C (304 °F) - lit
Flash point	: 31 °C (87.8 °F) - closed cup
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: 5.69 hPa (4.27 mmHg) at 25 °C (77 °F)
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 0.718 g/ml at 25 °C (77 °F)
Molecular mass	: 128.3 g/mol
Solubility	: Water: 0.0002 %
Partition coefficient n-octanol/water (Log Pow)	: 5.65
Auto-ignition temperature	: 205 °C (401 °F)
Decomposition temperature	: No data available
Viscosity, kinematic	: ≤ 1.008 mm²/s at 20 °C (68 °F)
Viscosity, dynamic	: No data available
Explosion limits	: 0.87 – 2.9 % (V)
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity 10.1. Reactivity Flammable liquid and vapor. Vapors may form flammable mixture with air. 10.2. Chemical stability See storage and expiration date on CoA. 10.3. Possibility of hazardous reactions No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Carbon oxides (CO, CO2).

SECTION 44. Taxiaala

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity (dermal)	Not classified Not classified Harmful if inhaled.	
2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12, 9	9%) 40+/-2 UG/ML IN NONANE	
LC50 Inhalation - Rat	23760 mg/m³ male - 4 h	
ATE US (dust, mist)	1.5 mg/l/4h	
Additional data	Skin corrosion/irritation, Dermal, rat: Result: Skin Irritation (Draize Test) S. Typhimurium Result negative	
N-NONANE UNLABELED (111-84-2)		
LC50 Inhalation - Rat	23760 mg/m³ male - 4 h	
ATE US (gases)	4500 ppmV/4h	
ATE US (vapors)	11 mg/l/4h	
ATE US (dust, mist)	1.5 mg/l/4h	
Skin corrosion/irritation, Dermal, rat	Result: Skin Irritation (Draize Test)	
Additional information	: S. Typhimurium Result: negative	
	Causes skin irritation. Causes serious eye irritation. Not classified	
Germ cell mutagenicity :	Not classified Not classified	
	Not classified	

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STOT-single exposure	: May cause drowsiness or dizziness.				
N-NONANE UNLABELED (111-84-2)					
STOT-single exposure May cause drowsiness or dizziness.					
2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12	2, 99%) (35065-29-3 (Unlabeled))				
STOT-single exposure	May cause damage to organs (liver, Skin) (Dermal, Inhalation, oral).				
STOT-repeated exposure Aspiration hazard Viscosity, kinematic	 Not classified May be fatal if swallowed and enters airways. ≤ 1.008 mm²/s at 20 °C (68 °F) 				
N-NONANE UNLABELED (111-84-2)					
Viscosity, kinematic	≤ 1.008 mm²/s at 20 °C (68 °F)				
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/effects Symptoms/effects after inhalation Symptoms/effects after skin contact Symptoms/effects after eye contact Symptoms/effects after ingestion	 May cause drowsiness or dizziness. Harmful if inhaled. May cause respiratory irritation. Causes skin irritation. May be harmful in contact with skin. Causes serious eye irritation. May be fatal if swallowed and enters airways. Risk of lung edema. 				

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.
12.2. Persistence and degradability	

No additional information available

12.3. Bioaccumulative potential					
2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12, 99%) 40+/-2 UG/ML IN NONANE					
Partition coefficient n-octanol/water (Log Pow) 5.65					
Bioaccumulative potential Indication of bioaccumulation.					
N-NONANE UNLABELED (111-84-2)					
Partition coefficient n-octanol/water (Log Pow) 5.65					
Bioaccumulative potential Indication of bioaccumulation.					
2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12, 99%) (35065-29-3 (Unlabeled))					
Partition coefficient n-octanol/water (Log Pow) 8.27					
12.4. Mobility in soil					

No additional information available

12.5. Other adverse effects

Other adverse effects

: Disposal must be done according to official regulations.

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SECTION 13: Disposal considerations	3
13.1. Disposal 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.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number	
DOT NA No UN-No. (TDG) UN-No. (IMDG) UN-No. (IATA)	: UN1920 : UN1920 : 1920 : 1920
14.2. UN proper shipping name	
Proper Shipping Name (DOT) Proper Shipping Name (TDG) Proper Shipping Name (IMDG) Proper Shipping Name (IATA)	: Nonanes : NONANES : NONANES : Nonanes
14.3. Transport hazard class(es)	
DOT Transport hazard class(es) (DOT) Hazard labels (DOT)	: 3 : 3
TDG Transport hazard class(es) (TDG) Hazard labels (TDG)	: 3 : 3
IMDG Transport hazard class(es) (IMDG) Hazard labels (IMDG)	

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IATA Transport hazard class(es) (IATA) Hazard labels (IATA)	: 3 : 3
14.4. Packing group	
Packing group (DOT) Packing group (TDG) Packing group (IMDG) Packing group (IATA)	: III : III : III : III
14.5. Environmental hazards	
Marine pollutant	: Yes (IMDG only)
Other information	: No supplementary information available.
14.6. Special precautions for user	
DOT UN-No.(DOT) DOT Special Provisions (49 CFR 172.102)	 UN1920 B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. 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). T2 - 1.5 178.274(d)(2) Normal
DOT Packaging Exceptions (49 CFR 173.xxx) DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	 150 203 242 60 L 220 L
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

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TDG	
UN-No. (TDG)	: UN1920
Explosive Limit and Limited Quantity Index	: 5L
Excepted quantities (TDG)	: E1
Passenger Carrying Road Vehicle or Passenger	: 60 L
Carrying Railway Vehicle Index	
Emergency Response Guide (ERG) Number	: 128
IMDG	
Limited quantities (IMDG)	: 5L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T2
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG)	: A
Flash point (IMDG)	: '
Properties and observations (IMDG)	: Colourless liquids. Explosive limits: 0.8% to 2.9% normal-NONANE: flashpoint 31°C c.c.
	Immiscible with water. Irritating to skin, eyes and mucous membranes.
MFAG-No	: 128
IATA	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
ERG code (IATA)	: 3L

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

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12, 99%) 40+/-2 UG/ML IN NONANE

2,2,3,4,4,5,5 - HEFTACB (FCB-160) (13C12, 99%) 40+7-2 UG/MIL IN NONANE					
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard				
Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):					
Name	CAS-No. Listing Commercial Flags status				
N-NONANE UNLABELED	111-84-2	Present	Active	Т	
2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12, 99%)	35065-29-3 (Unlabeled)	Not present	-		

N-NONANE UNLABELED (111-84-2)			
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.		

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N-NONANE UNLABELED (111-84-2)			
SARA Section 311/312 Hazard Classes Fire hazard Immediate (acute) health hazard			
2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12,	99%) (35065-29-3 (Unlabeled))		

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	Delayed (chronic) health hazard

15.2. International regulations

CANADA

N-NONANE UNLABELED (111-84-2)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

N-NONANE UNLABELED (111-84-2)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

2,2',3,4,4',5,5'-HEPTACB (PCB-180) (13C12, 99%) (35065-29-3 (Unlabeled))					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female		No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	Yes	Yes	No		

Component	State or local regulations
	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information		
according to Federal Register / Vol.	77, No. 58 / Monday, March 26, 2012 / Rules and Regulations	
Revision date	: 02/08/2024	
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 H-phrases	
H226	Flammable liquid and vapor

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Full text of H-phrases	
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H371	May cause damage to organs
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA

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.