

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 9/12/2014 Revision date: 1/11/2023 Supersedes: 9/12/2014 Version: 2.0

SECTION 1: Identification		
1.1. Identification		
Product form Product name Product code	: Mixture : 1,2,3,5-TETRACN (PCN-28) UNLABELED 100 UG/ML IN NONANE : ECN-2645	
1.2. Recommended use and restrictions or	n 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 cilsales@isotope.com - www.isotope.com		
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 mixture

GHS US classification

Flammable liquids Category 3	H226	Flammable liquid and vapor
Acute toxicity (inhalation) 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
 - H332 Harmful if inhaled
 - H336 May cause drowsiness or dizziness

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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. P264 - 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 eye protection, face protection, protective clothing, protective gloves. P301+P310 - If swallowed: Immediately call a poison center or doctor. P303+P361+P353 - 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. P331 - D NOT induce vomiting. P332+P313 - If skin irritation occurs: Get medical advice/attention. P332+P313 - I skin irritation occurs: 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 to extinguish. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P403+P235 - Store in a well-ventilated place. Keep cool. P403+P235 - Store in a well-ventilated place. Keep cool. P403 - Store locked up. P501 - Dispose
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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	99.9861	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
1,2,3,5-TETRACN UNLABELED	CAS-No.: 53555-63-8		Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373 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 First-aid measures after inhalation	 Call a physician immediately. 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 First-aid measures after ingestion	 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. 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 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. 		

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, protectiv	/e equipment and emergency procedures	
6.1.1. For non-emergency personnel		
Emergency procedures	: Wear personal protective equipment. Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing 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		
Prevent entry to sewers and public waters. Avoid release to the environment.		
6.3. Methods and material for containment and cleaning up		

For containment	: Dike and contain spill. Dispose as hazardous waste. Comply with local regulations 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 Precautions for safe handling	 Handle empty containers with care because residual vapors are flammable. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. 		
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.		
7.2. Conditions for safe storage, including any incompatibilities			
Technical measures	: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical equipment.		
Storage conditions Incompatible materials	Store at room temperature away from light and moisture.Heat sources.		

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1,2,3,5-TETRACN (PCN-28) UNLABELED 100 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.

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1,2,3,5-TETRACN (PCN-28) UNLABELED 100 UG/ML IN NONANE			
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		
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		
1,2,3,5-TETRACN UNLABELED (53555-63-8)			
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			
	Ensure good ventilation of the work station. 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			

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Hand protection:	
protective gloves	
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	: Liquid
Appearance	: Liquid.
Color	: Colorless
Odor	: Mixture contains one or more component(s) which have the following odour:
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 11: Toxicological information

11.1. Information on toxicological effects		
Acute toxicity (dermal) :	Not classified Not classified Harmful if inhaled.	
1,2,3,5-TETRACN (PCN-28) UNLABELED 100	UG/ML IN NONANE	
LC50 Inhalation - Rat	23760 mg/m³ male - 4 h	
ATE US (gases)	3200 ppmV/4h	
ATE US (vapors)	11 mg/l/4h	
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	
1,2,3,5-TETRACN UNLABELED (53555-63-8)		
ATE US (oral)	500 mg/kg body weight	
Skin corrosion/irritation :	Causes skin irritation.	
Serious eye damage/irritation :	Causes serious eye irritation.	

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Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
N-NONANE UNLABELED (111-84-2)	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
1,2,3,5-TETRACN UNLABELED (53555-6	3-8)
STOT-repeated exposure	May cause damage to organs (liver, Skin) through prolonged or repeated exposure (Dermal, Inhalation, oral).
Aspiration hazard	: May be fatal if swallowed and enters airways.
Viscosity, kinematic	: ≤ 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	: This information is based on our current knowledge and is intended to describe the product for
symptoms	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	: Causes serious eye irritation.
Symptoms/effects after ingestion	: 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

 1,2,3,5-TETRACN (PCN-28) UNLABELED 100 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)

 Partition coefficient n-octanol/water (Log Pow)
 5.65

 Bioaccumulative potential
 Indication of bioaccumulation.

 12.4. Mobility in soil
 Indication of bioaccumulation.

 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	
13.1. Disposal methods	
Regional legislation (waste) Product/Packaging disposal recommendations	 Waste materials should be disposed of under conditions which meet Federal, State, and loca environmental control regulations. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a license 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)	
IMDG Transport hazard class(es) (IMDG) Hazard labels (IMDG)	
IATA Transport hazard class(es) (IATA)	: 3

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Hazard labels (IATA)	: 3
	3
14.4. Packing group	
Packing group (DOT)	: 111
Packing group (TDG) Packing group (IMDG)	: III : III
Packing group (IATA)	: 111
14.5. Environmental hazards	
Marine pollutant	: Yes (IMDG only)
	ALL STREAM
	$\langle \underline{1}_{2} \rangle$
Other information	: No supplementary information available.
14.6. Special precautions for user	
DOT UN-No.(DOT)	: UN1920
DOT Special Provisions (49 CFR 172.102)	: 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 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) DOT Packaging Non Bulk (49 CFR 173.xxx)	: 150 : 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 242
DOT Quantity Limitations Passenger aircraft/rail (49	2 : 60 L
CFR 173.27) DOT Quantity Limitations Cargo aircraft only (49	: 220 L
CFR 175.75)	
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
TDG	
UN-No. (TDG)	: UN1920
Explosive Limit and Limited Quantity Index	: 5L : E1
Excepted quantities (TDG)	. LI

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Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 60 L
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
ΙΑΤΑ	
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

1,2,3,5-TETRACN (PCN-28) UNLABELED 100 UG/ML 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 status	Flags
N-NONANE UNLABELED	111-84-2	Present	Active	Т
1,2,3,5-TETRACN UNLABELED	53555-63-8	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.	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard	

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1,2,3,5-TETRACN UNLABELED (53555-63-8)	
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
15.2. International regulations	

CANADA

N-NONANE UNLABELED (111-84-2)

Listed on the Canadian DSL (Domestic Substances List)

1,2,3,5-TETRACN UNLABELED (53555-63-8)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

5	
Component	State or local regulations
N-NONANE UNLABELED(111-84-2)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Massachusetts - Right To Know List; U.S Pennsylvania - RTK (Right to Know) List

SECTION 16: Ot	her information		

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 Revision date
 : 01/11/2023

 Other information
 : This product is not radioactive. The data of the second se

: 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	
H302	Harmful if swallowed	
H304	May be fatal if swallowed and enters airways	
H315	Causes skin irritation	
H318	Causes serious eye damage	
H319	Causes serious eye irritation	
H332	Harmful if inhaled	
H336	May cause drowsiness or dizziness	
H373	May cause damage to organs through prolonged or repeated exposure	
H400	Very toxic to aquatic life	

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Full text of H-phrases		
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.