

Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 11/02/2015

Revision date:

Version: 1.0

ULM-9485-S

SECTION 1: Identificatio	n of the substance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixtures
Product name.	: 1,1,1,3,10,12,12,12-OCTACHLORODODECANE UNLABELED 100 UG/ML IN NONANE
Product code	: ULM-9485-S
1.2. Relevant identified u	ses of the substance or mixture and uses advised against
1.2.1. Relevant identified u	Ses
Industrial/Professional use spec	: For professional use only.
1.2.2. Uses advised agains	t
No additional information availab	
1.3. Details of the supplie	er of the safety data sheet
Cambridge Isotope Laboratories 50 Frontage Road Andover, MA 01810 USA	, Inc.
USA: 1-800-322-1174 Int: 1-9 cilsales@isotope.com www.is	78-749-8000 otope.com
Emergency telephon	e number
Emergency numbers:	
Chemtrec: 1-800-424-9300 (24 International: 1-202-483-7616 (
SECTION 2: Hazards ide	ntification
2.1. Classification of the	substance or mixture
Classification according to Re	gulation (EC) No. 1272/2008 [CLP]
Flam. Liq. 3	H226
Acute Tox. 4 (Inhalation:vapour)	H332
Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT SE 3	H336
Asp. Tox. 1	H304
Full text of H-phrases: see section	on 16
Classification according to Div	rective 67/548/EEC or 1999/45/EC
Xn; R20 Xn; R65 R10	
Full text of R-phrases: see section	on 16
Classification (GHS-US)	
Flam. Liq. 3	H226
1 iaiii. Liy. J	
Acute Tox, 4 (Inhalation:vapour)	D002
Acute Tox. 4 (Inhalation:vapour) Skin Irrit. 2	H332 H315
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Adverse physicochemical, human health and environmental effects

H304

Central Nervous System.

Asp. Tox. 1

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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

3.1. Substances

Not applicable

3.2. Mixtures				
Name	Product identifier	%	Classification according to Directive 67/548/EEC	
N-NONANE UNLABELED	(CAS No) 111-84-2 (EC no) 203-913-4	99.9861	R10 Xn; R20 Xn; R65 R67	
1,1,1,3,10,12,12,12-OCTACHLORODODECANE UNLABELED	(CAS No) 601523-21-1	0.0139	Xi; R38	
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
N-NONANE UNLABELED	(CAS No) 111-84-2 (EC no) 203-913-4	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	
1,1,1,3,10,12,12,12-OCTACHLORODODECANE UNLABELED	(CAS No) 601523-21-1	0.0139	Skin Irrit. 2, H315	
Name	Product identifier	%	Classification (GHS-US)	
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. 2A, H319 STOT SE 3, H336 Asp. Tox. 1, H304	

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

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Move out of dangerous area. Consult a physician and show this safety data sheet.
First-aid measures after inhalation	 Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
First-aid measures after ingestion	: Immediately call a POISON CENTER or doctor/physician.
4.2. Most important symptoms and e	ffects, both acute and delayed
Symptoms/injuries after inhalation	: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause drowsiness or dizziness.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes eye irritation.
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways.
4.3. Indication of any immediate med	ical attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measure	S
5.1. Extinguishing media	
suitable extinguishing media	For small fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

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5.2. Special hazards aris	ing from the subs	stance or mixture	
Fire hazard	:	Flammable liquid and vapor.	
Explosion hazard	:	May form flammable/explosive vapor-	air mixture.
Reactivity	:	Vapors may form explosive mixture w	rith air.
5.3. Advice for firefighter	rs		
Firefighting instructions		Use water spray to cool unopened co	ntainers.
Protection during firefighting			protective equipment, including respiratory protection.
SECTION 6: Accidental			
6.1. Personal precaution	is, protective equi	pment and emergency procedures	
General measures	:	Remove ignition sources. Use specia smoking.	I care to avoid static electric charges. No naked lights. No
6.1.1. For non-emergency	personnel		
Emergency procedures		ventilation. Remove all sources of ign	woid breathing vapors, mist or gas. Ensure adequate ition. Evacuate personnel to safe areas. Beware of vapours entrations. Vapours can accumulate in low areas.
6.1.2. For emergency resp	onders		
No additional information availa	ble		
6.2. Environmental preca	autions		
Prevent entry to sewers and pul			
6.3. Methods and materia		t and cleaning up	
For containment			a-compustible absorbent material. Disposal should be in
For containment : Contain spillage, then collect with non-combustible absorbent material. Disposal should be in accordance with applicable Federal, State and local regulations.			
6.4. Reference to other s			
No additional information availa	ble		
SECTION 7: Handling an	nd storage		
7.1. Precautions for safe	handling		
Additional hazards when proces	ssed	Handle empty containers with care be	ecause residual vapors are flammable.
Precautions for safe handling	:	No naked lights. No smoking. Take pr non-sparking tools. Use only outdoors	recautionary measures against static discharge. Use only s or in a well-ventilated area.
Hygiene measures	:	 Handle in accordance with good industry breaks and at the end of workday. 	strial hygiene and safety practice. Wash hands before
7.2. Conditions for safe	storage, including	any incompatibilities	
Technical measures			d static electricity should be followed. Ground/bond
Storage conditions	:	Store at room temperature away from	light and moisture.
Incompatible materials	:	Heat sources.	-
7.3. Specific end use(s)			
No additional information availa	blo		
SECTION 8: Exposure c		nal protection	
8.1. Control parameters			
		UNLABELED 100 UG/ML IN NONAN	F
Italy - Portugal - USA ACGIH	ACGIH TWA (pp		200.0000000000 ppm Central Nervous System impairment.
N-NONANE UNLABELED (11	1	<u>}</u>	
Italy - Portugal - USA ACGIH	ACGIH TWA (pp	m)	200.0000000000 ppm Central Nervous System impairment.
8.2. Exposure controls			
Personal protective equipment		Protective clothing Protective goggle	s. Self-contained breathing apparatus. Gloves.



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: Wear suitable protective clothing and gloves.		
: Wear safety glasses with side shields (or goggles) and a face shield.		
: Wear suitable protective clothing.		
: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Wear respiratory protection.		

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SECTION 9: Physical and chemical p	roperties
9.1. Information on basic physical and ch	emical properties
The properties listed below are for the solvent, the main compone	nt of this mixture.
Physical state	: Liquid
Appearance	: Liquid.
Molecular mass	: 128.3
Color	: No data available.
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: -53 °C (- 63 °F) - lit
Freezing point	: No data available
Boiling point	: 151 °C (304 °F) - lit
Flash point	: 31.0 °C (87.8 °F) - closed cup
Self ignition temperature	: 205 °C (401 °F)
Decomposition temperature	: No data available
Flammability (solid, gas)	: Flammable liquid and vapor
Vapor pressure	: 12.4 hPa (9.3 mmHg) at 37.7 °C (99.9 °F)
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Water: 0 %
Log Pow	: 5.65
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
Explosive limits	: 0.87 - 2.9 % (V)
9.2. Other information	
No additional information available	
SECTION 10: Stability and reactivity	

10.1. Reactivity Vapors may form explosive mixture with air. 10.2. **Chemical stability** See storage and expiration date on CoA. Possibility of hazardous reactions 10.3. No additional information available 10.4. **Conditions to avoid** Open flame. Overheating. Direct sunlight. Heat. Sparks. 10.5. Incompatible materials Strong oxidizing agents. Hazardous decomposition products 10.6. May release flammable gases. **SECTION 11: Toxicological information** 11.1. Information on toxicological effects Acute toxicity : Harmful if inhaled.

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Skin - rat - Skin irritation - Draize testSerious eye damage/irritation: Causes serious eye irritation. No data availableRespiratory or skin sensitization: Not available No data availableGerm cell mutagenicity: Not available No data availableCarcinogenicity: Not availableCarcinogenicity: Not availableCarcinogenicity: Not availableCarcinogenicity: Not availableCarcinogenicity: Not availableSeproductive toxicity: Not availableSpecific target organ toxicity (single exposure): May cause drowsiness or dizziness. May cause drowsiness or dizziness. May cause drowsiness or dizziness.Specific target organ toxicity (repeated exposure): Not classified No data availableAspiration hazard: May be fatal if swallowed and enters airways.Potential Adverse human health effects and symptoms: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause drowsiness or dizziness.Symptoms/injuries after inhalation: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause drowsiness or dizziness.	1,1,1,3,10,12,12,12-OCTACHLORODODECAN	IE UNLABELED 100 UG/ML IN NONANE
ATE (dust, mist) 1.500 mg/l/4h N-NONANE UNLABELED (111-84-2) 3200 ppm/4h LC50 inhalation rat (ppm) 3200 ppm/4h ATE (dust, mist) 1.500 mg/l/4h Skin corrosion/irritation : Causes skin irritation. Skin - rat - Skin irritation - Draize test Serious eye damage/irritation : Causes serious eye irritation. No data available Respiratory or skin sensitization : Not available No data available Garm cell mutagenicity : Not available Cause fried : Not available Carcinogenicity : Not available Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness. May cause drowsiness. Specific target organ toxicity (repeated exposure) : Not classified No data available No data available : Not classified No data available Specific target organ toxicity (repeated exposure) : May cause drowsiness or dizziness. May cause drowsiness. Specific target organ toxicity (repeated exposure) : Not classified No data available No data available : Not classified No data available Specific target organ toxicity (repeated exposure) : Not classified No data available Specific target organ toxicity (repeated exposure) : May be fatal if swallowed and enters ainways. </td <td></td> <td></td>		
N-NOANE UNLABELED (111-84-2) LC50 inhalation rat (ppm) 3200 ppm/4h ATE (dust, mist) 1.500 mg/l/4h Skin corrosion/irritation : Causes skin irritation. Skin - rat - Skin irritation. No data available Respiratory or skin sensitization : Oauses serious eye irritation. No data available Germ cell mutagenicity : Not available Carcinogenicity : Not available Carcinogenicity : Not available Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness. May cause drowsiness or dizziness. Specific target organ toxicity (repeated exposure) : Not classified No data available Aspiration hazard : May be fatal if swallowed and enters airways. Cotential Adverse human health effects and symptoms : Harmful if inhaled. Symptoms/injuries after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause drowsiness or dizziness.	ATE (vapors)	11.000 mg/l/4h
LC50 inhalation rat (ppm) 3200 ppm/4h ATE (dust, mist) 1.500 mg/l/4h Skin corrosion/irritation : Causes skin irritation. Skin - rat - Skin irritation - Draize test Serious eye damage/irritation : Causes serious eye irritation. No data available Respiratory or skin sensitization : Not available No data available Garm cell mutagenicity : Not available Carcinogenicity : Not available Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness. May cause drowsiness or dizziness. Specific target organ toxicity (repeated exposure) : Not classified No data available Aspiration hazard : May be fatal if swallowed and enters airways. Potential Adverse human health effects and symptoms : May cause drowsiness or dizziness. Symptoms/injuries after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause drowsiness or dizziness.	ATE (dust, mist)	1.500 mg/l/4h
ATE (dust, mist)1.500 mg/l/4hSkin corrosion/irritation: Causes skin irritation. Skin - rat - Skin irritation - Draize testSerious eye damage/irritation: Causes serious eye irritation. No data availableRespiratory or skin sensitization: Not available No data availableGerm cell mutagenicity: Not available No data availableCarcinogenicity: Not availableSpecific target organ toxicity (single exposure): May cause drowsiness or dizziness. May cause drowsiness or dizziness.Specific target organ toxicity (repeated exposure): Not classified No data availableAspiration hazard: May be fatal if swallowed and enters airways.Potential Adverse human health effects and symptoms: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause drowsiness or dizziness.	N-NONANE UNLABELED (111-84-2)	
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Skin - rat - Skin irritation - Draize testSerious eye damage/irritation: Causes serious eye irritation. No data availableRespiratory or skin sensitization: Not available No data availableGerm cell mutagenicity: Not available No data availableCarcinogenicity: Not availableCarcinogenicity: Not availableCarcinogenicity: Not availableCarcinogenicity: Not availableCarcinogenicity: Not availableSeproductive toxicity: Not availableSpecific target organ toxicity (single exposure): May cause drowsiness or dizziness. May cause drowsiness or dizziness. May cause drowsiness or dizziness.Specific target organ toxicity (repeated exposure): Not classified No data availableAspiration hazard: May be fatal if swallowed and enters airways.Potential Adverse human health effects and symptoms: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause drowsiness or dizziness.Symptoms/injuries after inhalation: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause drowsiness or dizziness.	ATE (dust, mist)	1.500 mg/l/4h
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Carcinogenicity: Not classifiedReproductive toxicity: Not availableSpecific target organ toxicity (single exposure): May cause drowsiness or dizziness. May cause drowsiness or dizziness.Specific target organ toxicity (repeated exposure): Not classified No data availableAspiration hazard: May be fatal if swallowed and enters airways.Potential Adverse human health effects and symptoms: Harmful if inhaled. May cause drowsiness or dizziness or dizziness.Symptoms/injuries after inhalation: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause drowsiness or dizziness.		No data available
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Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness. May cause drowsiness or dizziness. Specific target organ toxicity (repeated exposure) : Not classified No data available Aspiration hazard : May be fatal if swallowed and enters airways. Potential Adverse human health effects and symptoms : Harmful if inhaled. Symptoms/injuries after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause drowsiness or dizziness.	Carcinogenicity	: Not classified
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inhaled. May cause drowsiness or dizziness.	Potential Adverse human health effects and symptoms	: Harmful if inhaled.
Symptoms/injuries after skin contact : Causes skin irritation.	Symptoms/injuries after inhalation	
	Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact : Causes eye irritation.	Symptoms/injuries after eye contact	: Causes eye irritation.
Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.	Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways.

SE	СТ	ION	12	: Ecological information
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12.1. Toxicity

No additional information available

12.2. Persistence and degradability				
1,1,1,3,10,12,12,12-OCTACHLORODODECANE UNLABELED 100 UG/ML IN NONANE				
Persistence and degradability Not available.				
N-NONANE UNLABELED (111-84-2)				
Persistence and degradability	Not available.			
1,1,1,3,10,12,12,12-OCTACHLORODODECANE	UNLABELED (601523-21-1)			
Persistence and degradability	Not available.			
12.3. Bioaccumulative potential	12.3. Bioaccumulative potential			
1,1,1,3,10,12,12,12-OCTACHLORODODECANE UNLABELED 100 UG/ML IN NONANE				
Log Pow	5.65			
Bioaccumulative potential	Indication of bioaccumulation.			
N-NONANE UNLABELED (111-84-2)				
Log Pow	5.65			
Bioaccumulative potential	Indication of bioaccumulation.			
1,1,1,3,10,12,12,12-OCTACHLORODODECANE UNLABELED (601523-21-1)				
Bioaccumulative potential	Not available.			
12.4. Mobility in soil				
1,1,1,3,10,12,12,12-OCTACHLORODODECANE UNLABELED 100 UG/ML IN NONANE				
Ecology - soil	Not available.			

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N-NONANE UNLABELED (111-84-2)	
Ecology - soil	Not available.
1,1,1,3,10,12,12,12-OCTACHLORODODECA	NE UNLABELED (601523-21-1)
Ecology - soil	Not available.
12.5. Results of PBT and vPvB assessme	int
No additional information available	
12.6. Other adverse effects	
Other adverse effects	: An environmental hazard cannot be excluded in the event of unprofessional handling or dispose
	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
SECTION 13: Disposal consideration	15
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.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Handle empty containers with care because residual vapors are flammable.
Ecology - waste materials	: Hazardous waste due to toxicity.
SECTION 14: Transport information	
In accordance with ADR / RID / ADNR / IMDG /	ICAO / IATA
14.1. UN number	
UN-No.(DOT)	: 1920
DOT NA no.	UN1920
14.2. UN proper shipping name	
DOT Proper Shipping Name	: Nonanes
Department of Transportation (DOT) Hazard Classes	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT)	: 3 - Flammable liquid
Packing group (DOT)	: III - Minor Danger
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) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 242
14.3. Additional information	
Other information	: No supplementary information available.
Overland transport	
Overland transport Packing group (ADR)	: 111
Class (ADR)	: 3 - Flammable liquid
Hazard identification number (Kemler No.)	: 30
Classification code (ADR)	: F1
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Danger labels (ADR)	: 3 - Flammable liquids
	3
Orange plates	30 1920
Tunnel restriction code	: D/E
Limited quantities (ADR)	5L
EAC	: 3Y
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.
MFAG-No	: 128
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	: Flammable liquids
14.4. Environmental hazards	
Other information	: No supplementary information available.
14.5. Special precautions for user	
14.6. Transport in bulk according to Anne	ex II of MARPOL 73/78 and the IBC Code
Not applicable	

SECTION 15: Regulatory information			
15.1. US Federal regulations			
1,1,1,3,10,12,12,12-OCTACHLORODODECANE UNLABELED 100 UG/ML IN NONANE			
SARA Section 311/312 Hazard Classes Fire hazard Immediate (acute) health hazard			
N-NONANE UNLABELED (111-84-2)			
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard		

15.2. International regulations

CANADA

1,1,1,3,10,12,12,12-OCTACHLORODODECANE UNLABELED 100 UG/ML IN NONANE	
Listed on the Canadian DSL (Domestic Substances List) inventory.	

15.2.1. National regulations

No additional information available

15.3. US State regulations

1,1,1,3,10,12,12,12-OCTACHLORODODECANE UNLABELED 100 UG/ML IN NONANE()	
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

Safety Data Sheet

according to Regulation (EC) No. 453/2010 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

1,1,1,3,10,12,12,12-OCTACHLORODODECANE UNLABELED 100 UG/ML IN NONANE()

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

N-NONANE UNLABELED (111-84-2)

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

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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-phrases::

Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Asp. Tox. 1	Aspiration hazard Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 3	Flammable liquids Category 3
Skin Irrit. 2	skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
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
R10	Flammable
R20	Harmful by inhalation
R38	Irritating to skin
R65	Harmful: may cause lung damage if swallowed
R67	Vapors may cause drowsiness and dizziness
Xi	Irritant
Xn	Harmful

NFPA health hazard	: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard	: 3 - Liquids and solids that can be ignited under almost all ambient conditions.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	: 3 Serious Hazard

: 0 Minimal Hazard

CIL Mixture SDS

Physical

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