

FENVALERATE UNLABELED 100 UG/ML IN NONANE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 29/05/2020 Revision date: : Version: 1.0 ULM-10022-S

SECTION 1: Identification of the substance/mixture and of the company/undertaking **Product identifier** 1.1. Product form : Mixtures Product name : FENVALERATE UNLABELED 100 UG/ML IN NONANE Product code : ULM-10022-S 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. **Relevant identified uses** : Professional use Main use category Industrial/Professional use spec : For professional use only 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safety data sheet Cambridge Isotope Laboratories, Inc. 50 Frontage Road Andover, MA 01810 USA USA: 1-800-322-1174 Int: 1-978-749-8000 cilsales@isotope.com www.isotope.com **Emergency telephone number** Emergency numbers: Chemtrec: 1-800-424-9300 (24 hours) International: 1-703-741-5970 (24 hours) SECTION 2: Hazards identification Classification of the substance or mixture 2.1. Classification according to Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 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 hazard classes and H-statements : see section 16 Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] R10 Xn; R20 Xn; R65 Xi; R36/38

Full text of R-phrases: see section 16

GHS-US classification

R67

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

Full text of H statements : see section 16

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

Adverse physicochemical, human health and environmental effects

Central Nervous System. Flammable liquid and vapor. May cause drowsiness or dizziness. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May be fatal if swallowed and enters airways.

Labeling according to Regulation (EC) N	
	o. 1272/2008 [CLP]
Hazard pictograms (CLP)	$\wedge \wedge \wedge$
	GHS02 GHS08 GHS07
Signal word (CLP)	: Danger
Hazard statements (CLP)	: 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
Precautionary statements (CLP)	 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P233 - Keep container tightly closed.
	P240 - Ground/bond container and receiving equipment.
	P241 - Use explosion-proof electrical, lighting, ventilating equipment P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
	P264 - Wash hands, forearms and face thoroughly after handling.
	P271 - Use only outdoors or in a well-ventilated area. P280 - Wear eye protection, face protection, protective clothing, protective gloves.
	r 200 - Wear eye protection, race protection, protective clothing, protective gloves.
GHS-US labeling	
-	
Hazard pictograms (GHS-US)	
	GHS02 GHS08 GHS07
Signal word (GHS-US)	GHS02 GHS08 GHS07 : Danger
Signal word (GHS-US) Hazard statements (GHS-US)	: Danger : H226 - Flammable liquid and vapor
	: Danger
	 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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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

P370+P378 - In case of fire: Use alcohol resistant foam, carbon dioxide (CO2), dry
extinguishing powder 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 hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation

2.3. Other hazards

Mixtures

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2.

Name **Product identifier** % **Classification according to** Directive 67/548/EEC N-NONANE UNLABELED (CAS-No.) 111-84-2 99.986 R10 (EC-No.) 203-913-4 Xn; R20 Xn; R65 Xi; R36/38 R67 FENVALERATE UNLABELED 0.014 (CAS-No.) 51630-58-1 T; R25 Xi; R36/37/38 N; R50/53 Name **Product identifier** % **Classification according to** Regulation (EC) No. 1272/2008 [CLP] N-NONANE UNLABELED (CAS-No.) 111-84-2 99.986 Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:vapour), (EC-No.) 203-913-4 H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336 Asp. Tox. 1, H304 FENVALERATE UNLABELED Acute Tox. 3 (Oral), H301 (CAS-No.) 51630-58-1 0.014 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1000) Aquatic Chronic 1, H410 Name **Product identifier** % **GHS-US classification** N-NONANE UNI ABELED (CAS-No.) 111-84-2 99 986 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 FENVALERATE UNLABELED Acute Tox. 3 (Oral), H301 (CAS-No.) 51630-58-1 0.014 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of R- and H- phrases: 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.

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

4.2. Most important symptoms and ef	fects, both acute and delayed	
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.	
4.3. Indication of any immediate medi	cal attention and special treatment needed	
Treat symptomatically.		
SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide. Alcohol resistant foam.	
5.2. Special hazards arising from the	substance or mixture	
Fire hazard	: Flammable liquid and vapor.	
Reactivity	: Flammable liquid and vapor. Vapors may form flammable mixture with air.	
5.3. Advice for firefighters		
Firefighting instructions	: Do not enter fire area without proper protective equipment, including respiratory protection.	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing	
· · · · · · · · · · · · · · · · · · ·	apparatus. Complete protective clothing.	
SECTION 6: Accidental release me		
	equipment and emergency procedures	
	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. Av	oid release to the environment.	
6.3. Methods and material for contain	ment 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	: 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, inclu	ding 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.	
7.3. Specific end use(s)		
No additional information available		

Safety Data Sheet

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SECTION 8: Exposure c	ontrols/personal protection	
3.1. Control parameters	i i	
FENVALERATE UNLABELE	D 100 UG/ML IN NONANE	
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	200.00000000 ppm USA. ACGIH Threshold Limit Values (TLV)
Italy - Portugal - USA ACGIH	Remark (ACGIH)	CNS impair
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	1050 mg/m ³ USA. NIOSH Recommended Exposure Limits
USA NIOSH	NIOSH REL (TWA) (ppm)	200 ppm USA. NIOSH Recommended Exposure Limits
USA NIOSH	Remark (NIOSH)	Central Nervous System impairment
USA OSHA	OSHA PEL (TWA) (mg/m³)	1050 mg/m ³ USA. OSHA - Table Z-1 Limits for Air Contaminants - 1910.1000
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm USA. OSHA - Table Z-1 Limits for Air Contaminants - 1910.1000
USA OSHA	OSHA PEL (Ceiling) (mg/m³)	1050 California permissible exposure limits for chemical contaminants.
USA OSHA	OSHA PEL (Ceiling) (ppm)	200 ppm California permissible exposure limits for chemical contaminants.
N-NONANE UNLABELED (11	1-84-2)	
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	200.00000000 ppm USA. ACGIH Threshold Limit Values (TLV)
Italy - Portugal - USA ACGIH	Remark (ACGIH)	CNS impair
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	1050 mg/m ³ USA. NIOSH Recommended Exposure Limits
USA NIOSH	NIOSH REL (TWA) (ppm)	200 ppm USA. NIOSH Recommended Exposure Limits
USA NIOSH	Remark (NIOSH)	Central Nervous System impairment
USA OSHA	OSHA PEL (TWA) (mg/m ³)	1050 mg/m ³ USA. OSHA - Table Z-1 Limits for Air Contaminants - 1910.1000
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm USA. OSHA - Table Z-1 Limits for Air Contaminants - 1910.1000
USA OSHA	OSHA PEL (Ceiling) (mg/m ³)	1050 California permissible exposure limits for chemical contaminants.
USA OSHA	OSHA PEL (Ceiling) (ppm)	200 ppm California permissible exposure limits for chemical contaminants.
FENVALERATE UNLABELE) D (51630-58-1)	
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	50.00000000 ppm Basis: USA. ACGIH Threshold Limit Values (TLV)
Italy - Portugal - USA ACGIH	Remark (ACGIH)	Upper Respiratory Tract irritation. Kidney damage. Confirmed animal carcinogen with unknown relevance to humans.
USA OSHA	OSHA PEL (Ceiling) (mg/m³)	144 mg/m ³ California permissIble exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (Ceiling) (ppm)	40 ppm California permissible exposure limits for chemical contaminants (Title 8, Article 107)

8.2. **Exposure controls**

- Appropriate engineering controls Personal protective equipment
- : Ensure good ventilation of the work station.

: Wear suitable protective clothing and gloves.

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



Materials for protective clothing Hand protection Eye protection Skin and body protection

: protective gloves.

- : Chemical goggles or face shield. Chemical goggles or safety glasses.
- : Wear suitable protective clothing, gloves and eye/face protection.

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

Respiratory protection	: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Approved respirator.
Environmental exposure controls	: Avoid release to the environment.

SECTION 9: Phy	vsical and	chemical	pro	perties	

9.1. Information on basic physical and chemical properties		
The properties listed below are for the solvent, the main component of this mixture.		
Physical state	: Liquid	
Appearance	: Liquid	
Molecular mass	: 128.3 g/mol	
Color	: Colorless	
Odor	: No data available	
Odor threshold	: No data available	
рН	: No data available	
Relative evaporation rate (butyl acetate=1)	: 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	
Auto-ignition temperature	: 205 °C (401 °F)	
Decomposition temperature	: 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	
Specific gravity / density	: 0.718 g/ml at 25 °C (77 °F)	
Solubility	: Water: 0.0002 % at 25 °C (77 °F) - slightly soluble	
Log Pow	: 5.65	
Log Kow	: No data available	
Viscosity, kinematic	: <= 1.008 mm²/s at 20 °C (68 °F)	
Viscosity, dynamic	: No data available	
Explosive properties	: No data available	
Oxidizing properties	: No data available	
Explosion limits	: 0.87 - 2.9 % (V)	

Other information 9.2.

No additional information available

SECTIO	N 10: Stability and reactivity		
10.1. I	Reactivity		
Flammable	Flammable liquid and vapor. Vapors may form flammable mixture with air.		
10.2.	Chemical stability		
See storag	See storage and expiration date on CoA.		
10.3. I	3. Possibility of hazardous reactions		
No danger	No dangerous reactions known under normal conditions of use.		
10.4.	Conditions to avoid		
Avoid cont	Avoid contact with hot surfaces. Heat. No flames, No sparks. Eliminate all sources of ignition.		
10.5. I	5. Incompatible materials		
No addition	No additional information available		
10.6. I	. Hazardous decomposition products		
Carbon ox	ides (CO, CO2).		
SECTIO	N 11: Toxicological information	on	
11.1. I			
Acute toxic	city	: Inhalation:vapour: Harmful if inhaled.	
FENVALERATE UNLABELED 100 UG/ML IN NONANE			
LC50 inh	alation rat (mg/l)	23760 mg/m ³ male - 4 h	
29/05/2020		EN (English US)	6/11

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

FENVALERATE UNLABELED 100 UG/ML IN NONANE		
ATE CLP (vapors)	11.000 mg/l/4h	
Skin corrosion/irritation, Dermal, rat	Result: Skin Irritation (Draize Test)	
Additional information	: S. Typhimurium Result: negative	
N-NONANE UNLABELED (111-84-2)		
LC50 inhalation rat (mg/l)	23760 mg/m ³ male - 4 h	
ATE CLP (vapors)	11.000 mg/l/4h	
Skin corrosion/irritation, Dermal, rat	Result: Skin Irritation (Draize Test)	
Additional information	: S. Typhimurium Result: negative	
FENVALERATE UNLABELED (51630-58-1)		
LD50 oral rat	70.2 mg/kg	
LD50 dermal rat	> 5000 mg/kg	
LD50 dermal rabbit	> 2000 mg/kg	
LC50 inhalation rat (mg/l)	> 101 mg/l/4h 3 h	
ATE CLP (oral)	100.000 mg/kg body weight	
ATE CLP (vapors)	0.485 mg/l/4h	
ATE CLP (dust, mist)	0.485 mg/l/4h	
Skin corrosion/irritation	: Causes skin irritation.	
Serious eye damage/irritation	: Causes serious eye irritation.	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
Specific target organ toxicity – single exposure	: May cause drowsiness or dizziness.	
Specific target organ toxicity – repeated exposure	: Not classified	
Aspiration hazard	: May be fatal if swallowed and enters airways.	
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 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.
FENVALERATE UNLABELED (51630-58-1)	
LC50 fish 1	0.002 mg/l Cyprinus carpio (Carp) - 96 h

Persistence and degradability 12.2.

No additional information available

12.3. Bioaccumulative potential		
FENVALERATE 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.	
FENVALERATE UNLABELED (51630-58-1)		
Log Pow	4.42	
12.4. Mobility in soil		
No. a dell'Associatione de la sue l'able		

No additional information available

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

42.5 Depute of DPT and vDvP approxim	
12.5. Results of PBT and vPvB assessme	ant and a second se
No additional information available	
12.6. Other adverse effects	
Other adverse effects	: Disposal must be done according to official regulations.
SECTION 13: Disposal consideratio	ns
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.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / A	ر الم
14.1. UN number	
UN-No.(DOT)	: 1920
DOT NA no.	UN1920
14.2 LIN proper chipping name	
14.2. UN proper shipping name	: Nonanes
Proper Shipping Name (DOT) Class (DOT)	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT)	: 3 - Flammable liquid
	PLANMABLE LIQUID 3
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
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
Marine pollutant	: No
14.3. Additional information	. 100
Emergency Response Guide (ERG) Number	: 128
Other information	: No supplementary information available.
Overland transport	
Packing group (ADR)	: 111
Class (ADR)	: 3 - Flammable liquid

55-1()	
Class (ADR)	: 3 - Flammable liquid
Hazard identification number (Kemler No.)	: 30
Classification code (ADR)	: F1

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

Hazard labels (ADR)	: 3 - Flammable liquids
	3
Orange plates	30 1920
Tunnel restriction code (ADR)	: D/E
Limited quantities (ADR)	51
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 Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information		
15.1. US Federal regulations		
FENVALERATE UNLABELED 100 UG/ML IN NONANE		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.	
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	
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.	
N-NONANE UNLABELED (111-84-2)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.	
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	
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.	
FENVALERATE UNLABELED (51630-58-1)		
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporing requirements of the United States SARA Section 302.	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard	
SARA Section 313 - Emission Reporting	Subject to reporting requirements of United States SARA Section 313	

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

15.2. International regulations

CANADA

CANADA	
FENVALERATE UNLABELED 100 UG/ML IN NONANE	
Listed on the Canadian DSL (Domestic Substances List)	
N-NONANE UNLABELED (111-84-2)	
Listed on the Canadian DSL (Domestic Substances List)	

15.2.1. **National regulations**

No additional information available

15.3. US State regulations

0		
FENVALERATE UNLABELED 100 UG/ML IN NONANE()		
U.S California - Proposition 65 - Carcinogens List	No	
U.S California - Proposition 65 - Developmental Toxicity	No	
U.S California - Proposition 65 - Reproductive Toxicity - Female	No	
U.S California - Proposition 65 - Reproductive Toxicity - Male	No	
State or local regulations	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations 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 U.S New York - Reporting of Releases Part 597 - List of Hazardous Substances	

N-NONANE UNLABELE	ED (111-84-2)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
FENVALERATE UNLA	BELED (51630-58-1)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
N-NONANE UNLABEL	ED (111-84-2)			
State or local regulatio	ns			
	nogenic Toxic Air Pollutants - Ac nt to Know Hazardous Substance		ons	

Right to Know lew Jersey

U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances

FENVALERATE UNLABELED (51630-58-1)

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

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. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Asp. Tox. 1	Aspiration hazard Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 3	Flammable liquids Category 3

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

Skin corrosion/irritation Category 2
Specific target organ toxicity (single exposure) Category 3
Specific target organ toxicity (single exposure) Category 3
Flammable liquid and vapor
Toxic if swallowed
May be fatal if swallowed and enters airways
Causes skin irritation
Causes serious eye irritation
Harmful if inhaled
May cause respiratory irritation
May cause drowsiness or dizziness
Very toxic to aquatic life
Very toxic to aquatic life with long lasting effects
Flammable
Harmful by inhalation
Toxic if swallowed
Irritating to eyes, respiratory system and skin
Irritating to eyes and skin
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Harmful: may cause lung damage if swallowed
Vapors may cause drowsiness and dizziness
Dangerous for the environment
Toxic
Irritant
Harmful

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

CIL Mixture SDS

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