

CHOLESTEROL (2,3,4-13C3,98%) 50 UG/ML IN **ETHANOL**

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: 15/05/2015 Revision date: 19/03/2019 Supersedes: 06/03/2019

Version: 2.1

CLM-9139-B	
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1.1. Product identifier	
Product form	: Mixtures
Product name	: CHOLESTEROL (2,3,4-13C3,98%) 50 UG/ML IN ETHANOL
Product code	: CLM-9139-B
1.2. Relevant identified uses of the sub	ostance or mixture and uses advised against
1.2.1. Relevant identified uses	
Main use category	: Professional use
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	v data sheet
Cambridge Isotope Laboratories, Inc.	
50 Frontage Road	
Andover, MA 01810 USA	
USA: 1-800-322-1174 Int: 1-978-749-8000	
<u>cilsales@isotope.com</u> www.isotope.com	
Emergency telephone number	
Emergency numbers:	
Chemtrec: 1-800-424-9300 (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. 2 H225 Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335

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

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

F; R11 Xi; R36/37/38 Full text of R-phrases: see section 16

GHS-US classification

Flam. Liq. 2 H225 Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335 Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Nerves. heart. liver. Highly flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

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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



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Substances 3.1.

Not applicable

3.2. Mixtures			
Name	Product identifier	%	Classification according to Directive 67/548/EEC
ETHANOL UNLABELED	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43	99.9937	F; R11 Xi; R36/37/38
CHOLESTEROL (2,3,4-13C3,99%)	(CAS-No.) 57-88-5 (Unlabeled) (EC-No.) 200-353-2	0.0063	Not classified
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ETHANOL UNLABELED	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43	99.9937	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
CHOLESTEROL (2,3,4-13C3,99%)	(CAS-No.) 57-88-5 (Unlabeled) (EC-No.) 200-353-2	0.0063	Not classified
Name	Product identifier	%	GHS-US classification
ETHANOL UNLABELED	(CAS-No.) 64-17-5	99.9937	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

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

SECTION 4: Eirst sid messures	
SECTION 4: First aid measures 4.1. Description of first aid measures	res
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). May cause cancer.
First-aid measures after inhalation	: Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Wash with plenty of soap and water. Wash contaminated clothing before reuse. Get medical advice/attention. Specific treatment (see Hazard pictograms (CLP) on this label).
First-aid measures after eye contact	 Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy t do. Continue rinsing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician if you feel unwell.
4.2. Most important symptoms and	d effects, both acute and delayed
Symptoms/effects after inhalation	: May cause respiratory irritation. May be harmful if inhaled.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.
4.3. Indication of any immediate m	edical attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measu	res
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).
5.2. Special hazards arising from t	he substance or mixture
Fire hazard	: Highly flammable liquid and vapor.
Explosion hazard	: May form flammable/explosive vapor-air mixture.
Reactivity	: Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.
5.3. Advice for firefighters	
Firefighting instructions	 Fight fire with normal precautions from a reasonable distance. Wear a self contained breathin apparatus. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

Other information

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SECTION 6: Accidenta	l release measures		
6.1. Personal precaution	ons, protective equipment and emergency	y procedures	
General measures	: Remove ignition sour smoking.	ces. Use special care to avoid static electric charges. No open flames. No	
6.1.1. For non-emergend	y personnel		
Emergency procedures	adequate air ventilati sources of ignition. P	ve equipment as required. Avoid breathing vapors, mist, gas. Ensure on. Evacuate unnecessary personnel. No flames, no sparks. Eliminate all rovide adequate ventilation to minimize dust and/or vapor concentrations. uld be given to low areas/pits where flammable vapors can accumulate.	
6.1.2. For emergency res	ponders		
Protective equipment		e action without suitable protective equipment. For further information posure controls/personal protection".	
6.2. Environmental pre	cautions		
Prevent entry to sewers and p	ublic waters. Do not allow to enter drains or	water courses. Avoid release to the environment.	
6.3. Methods and mate	rial for containment and cleaning up		
For containment	it. Vacuum with an ec non-combustible abso	n up any spills as soon as possible, using an absorbent material to collect uppment that avoids ignition risk. Small quantities of liquid spill: take up in orbent material and shovel into container for disposal. For large spills, like and charge it with wet sand or earth for subsequent safe disposal.	
Methods for cleaning up	: This material and its	container must be disposed of in a safe way, and as per local legislation.	
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 sa			
Additional hazards when proc	essed : Handle empty contair	ners with care because residual vapors are flammable.	
Precautions for safe handling			
Hygiene measures	: Handle in accordance and face thoroughly a	e with good industrial hygiene and safety practice. Wash hands, forearms after handling.	
7.2. Conditions for saf	e storage, including any incompatibilities		
Technical measures	procedures to avoid s	v closed in a cool, dry and well-ventilated place. Proper grounding static electricity should be followed. Ground/bond container and receiving osion-proof electrical/ventilating/lighting equipment.	
Storage conditions	: Store refrigerated (-5	: Store refrigerated (-5 °C to 5 °C). Protect from light.	
Incompatible materials	le materials : Heat sources.		
7.3. Specific end use(s)		
No additional information avail	lable		
SECTION 8: Exposure	controls/personal protection		
8.1. Control parameter			
	3,98%) 50 UG/ML IN ETHANOL		
Italy - Portugal - USA ACGI		1000.0000000 ppm	
Italy - Portugal - USA ACGI		1000 ppm	
Italy - Portugal - USA ACGI	H Remark (ACGIH)	Upper Respiratory Tract irritation. Confirmed animal carcinogen with unknown relevance to humans.	
		1000	

USA NIOSH	NIOSH REL (TWA) (mg/m ³)	1900 mg/m³
USA NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
USA NIOSH	Remark (NIOSH)	Upper Respiratory Tract irritation. Confirmed animal carcinogen with unknown relevance to humans.
USA OSHA	OSHA PEL (TWA) (mg/m ³)	1900 mg/m³
USA OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
USA OSHA	Remark (OSHA)	Upper Respiratory Tract irritation. Confirmed animal carcinogen with unknown relevance to humans. The value in mg/m3 is approximate.

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ETHANOL UNLABELED (64-	17-5)	
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	1000.0000000 ppm
Italy - Portugal - USA ACGIH	ACGIH STEL (ppm)	1000 ppm
Italy - Portugal - USA ACGIH	Remark (ACGIH)	Upper Respiratory Tract irritation. Confirmed animal carcinogen with unknown relevance to humans.
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	1900 mg/m³
USA NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
USA NIOSH	Remark (NIOSH)	Upper Respiratory Tract irritation. Confirmed animal carcinogen with unknown relevance to humans.
USA OSHA	OSHA PEL (TWA) (mg/m ³)	1900 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
USA OSHA	Remark (OSHA)	Upper Respiratory Tract irritation. Confirmed animal carcinogen with unknown relevance to humans. The value in mg/m3 is approximate.

CHOLESTERCE (2,3,4-1303,30%) 30 COMIE IN ETHANOL		
DNEL/DMEL (Workers)		
Acute - systemic effects, inhalation	1900 mg/m³	
Long-term - systemic effects, dermal	343 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	950 mg/m³	
DNEL/DMEL (additional information)		
Additional information	DNEL - Workers - Ingestion - Long-term systemic effects - 343 mg/kg BW/d	
PNEC (Water)		
PNEC aqua (freshwater)	0.96 mg/l	
PNEC aqua (marine water)	0.79 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	3.6 mg/kg dwt	
PNEC (Soil)		
PNEC soil	0.63 mg/kg dwt	
PNEC (STP)		
PNEC sewage treatment plant	580 mg/l	
8.2. Exposure controls		

Appropriate engineering controls

: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Personal protective equipment

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



Materials for protective clothing: Wear suitable protective clothing and gloves.Hand protection: Wear suitable protective clothing and gloves.Eye protection: Wear eye protection. Chemical goggles or face shield with safety glasses.Skin and body protection: Wear suitable protective clothing, gloves and eye/face protection.Respiratory protection: In case of inadequate ventilation wear respiratory protection. Approved supplied air respirator.Environmental exposure controls: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical ar	nd chemical properties		
The properties listed below are for the solvent, the main component of this mixture.			
Physical state	: Liquid		
Appearance	: Liquid. clear.		
Molecular mass	: 46.07 g/mol		
Color	: Colorless.		
Odor	: No data available		
Odor threshold	: No data available		
pH	: No data available		
Relative evaporation rate (butyl acetate=1)	: No data available		
Melting point	: -114 °C (-173 °F)		

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Freezing point	: No data available
Boiling point	: 78 °C (172 °F)
Flash point	: 14 °C (57.2 °F) - closed cup
Auto-ignition temperature	: 363 °C (685.4 °F)
Decomposition temperature	: No data available
Flammability (solid, gas)	: Highly flammable liquid and vapor
Vapor pressure	: 59.5 hPa (44.6 mmHg) at 20 °C (68 °F)
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 0.789 g/ml at 25 °C (77 °F)
Solubility	: Water: completely soluble
Log Pow	: -0.349 at 24 °C (75 °F)
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: 3.3 - 19 %

9.2. **Other information**

No additional information available

No additional information available		
SECTION 10: Stability and reactivity		
10.1. Reactivity		
Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.		
10.2. Chemical stability		
See storage and expiration date on CoA.		
10.3. Possibility of hazardous reactions		
Hygroscopic.		
10.4. Conditions to avoid		
Heat. Open flame. Direct sunlight. Sparks.		
10.5. Incompatible materials		
Alkali metals. ammonia. Oxidizing agent. Peroxide	S.	
10.6. Hazardous decomposition products		
Carbon oxides (CO, CO2).		
SECTION 11: Toxicological informatio	n	
11.1. Information on toxicological effects		
Acute toxicity :	Not classified	
CHOLESTEROL (2,3,4-13C3,98%) 50 UG/ML IN	IETHANOL	
LD50 oral rat	10470 mg/kg	
LD50 dermal rat	15800 mg/kg	
LC50 inhalation rat (mg/l)	30000 mg/l	
ATE CLP (oral)	10470.000 mg/kg body weight	
ATE CLP (dermal)	15800.000 mg/kg body weight	
ATE CLP (vapors)	30000.000 mg/l/4h	
ATE CLP (dust, mist)	30000.000 mg/l/4h	
ETHANOL UNLABELED (64-17-5)		
LD50 oral rat	10470 mg/kg	
LD50 dermal rat	15800 mg/kg	
LC50 inhalation rat (mg/l)	30000 mg/l	
ATE CLP (oral)	10470.000 mg/kg body weight	
ATE CLP (dermal)	15800.000 mg/kg body weight	
ATE CLP (vapors)	30000.000 mg/l/4h	

ATE CLP (dust, mist)

30000.000 mg/l/4h

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Skin corrosion/irritation	:	Causes skin irritation.
		Skin rabbit
		No skin irritation (OECD 404 method)
Serious eye damage/irritation	:	Causes serious eye irritation.
		Eyes
		rabbit moderate eye irritation
		(OECD 404 method)
Respiratory or skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Carcinogenicity - Mouse - Oral Tumorigenic: Equivical tumorigenic agent by RTECS criteria. Liver: Tumors. Blood: Lymphomas including Hodgkin's disease.
Reproductive toxicity	:	Reproductive toxicity. oral. human. female. Effects on Newborn: Other neonatal measures or effects.
		Reproductive toxicity Oral - human - female - Effects on Newborn: Apgar score (human only). Effects on Newborn: Drug dependence.
Specific target organ toxicity – single exposure	:	May cause respiratory irritation.
Specific target organ toxicity – repeated exposure	:	Not classified
Aspiration hazard	:	Not classified
Potential Adverse human health effects and symptoms	:	CNS depression. Narcosis. Risk of serious damage. to. heart. 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. Stomach - Irregularities - Based on Human Evidence.
Symptoms/effects after inhalation	:	May cause respiratory irritation. May be harmful if inhaled.
Symptoms/effects after skin contact	:	Causes skin irritation.
Symptoms/effects after eye contact	:	Causes serious eye irritation.
Symptoms/effects after ingestion	:	May be harmful if swallowed.

SECTION 12: Ecological information				
12.1. Toxicity				
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.			
CHOLESTEROL (2,3,4-13C3,98%) 50 UG/ML IN ETHANOL				
LC50 fish 1	14200 mg/l Pimephales promelas (fathead minnow) - 96 h			
EC50 Daphnia 1	5012 mg/l Ceriodaphnia dubia (Water flea) - 48 h			
EC50 other aquatic organisms 1	275 mg/l Chlorella vulgaris (Fresh water algae) - 72 h (OECD method 201)			
NOEC (acute)	9.6 mg/l Daphnia magna (Water flea) - 9 d			
ETHANOL UNLABELED (64-17-5)				
LC50 fish 1	14200 mg/l Pimephales promelas (fathead minnow) - 96 h			
EC50 Daphnia 1	5012 mg/l Ceriodaphnia dubia (Water flea) - 48 h			
EC50 other aquatic organisms 1	275 mg/l Chlorella vulgaris (Fresh water algae) - 72 h (OECD method 201)			
NOEC (acute)	9.6 mg/l Daphnia magna (Water flea) - 9 d			

12.2. Persistence and degradability			
CHOLESTEROL (2,3,4-13C3,98%) 50 UG/ML IN ETHANOL			
Persistence and degradability	Readily biodegradable.		
BOD (% of ThOD)	95 % ThOD		
ETHANOL UNLABELED (64-17-5)			
Persistence and degradability	Readily biodegradable.		
BOD (% of ThOD)	95 % ThOD		
12.3. Bioaccumulative potential			
CHOLESTEROL (2,3,4-13C3,98%) 50 UG/ML IN	IETHANOL		
Log Pow	-0.349 at 24 °C (75 °F)		
Bioaccumulative potential	Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.		
ETHANOL UNLABELED (64-17-5)			
Log Pow	-0.349 at 24 °C (75 °F)		
19/03/2019	EN (English US) 7/11		

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ETHANOL UNLABELED (64-17-5)	
Bioaccumulative potential	Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessme	nt
CHOLESTEROL (2,3,4-13C3,98%) 50 UG/ML	IN ETHANOL
PBT: not yet assessed	
ETHANOL UNLABELED (64-17-5)	
PBT: not yet assessed	
12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal consideration	s
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	: Avoid release to the environment.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / AD	DN
14.1. UN number	
UN-No.(DOT)	: 1170
DOT NA no.	UN1170
14.2. UN proper shipping name	
Proper Shipping Name (DOT)	: Ethanol
Class (DOT)	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT)	: 3 - Flammable liquid
	FLAMMABLE LIQUID
Packing group (DOT)	: II - Medium Danger
DOT Special Provisions (49 CFR 172.102)	 24 - Alcoholic beverages containing more than 70 percent alcohol by volume must be transported as materials in Packing Group II. Alcoholic beverages containing more than 24 percent but not more than 70 percent alcohol by volume must be transported as materials in Packing Group III. IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 11 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized. T4 - 2.65 178.274(d)(2) Normal
DOT Packaging Exceptions (49 CFR 173.xxx)	: 4b;150
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 202
DOT Packaging Bulk (49 CFR 173.xxx)	: 242 . No
Marine pollutant	: No
14.3. Additional information	
Other information	: No supplementary information available.
Overland transport	
Packing group (ADR)	: 111
Class (ADR)	: 6.1 - Toxic substances
Hazard identification number (Kemler No.)	: 33

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Classification code (ADR)	: T1
Hazard labels (ADR)	: 6.1 - Toxic substances
	6
Orange plates	33 1170
Tunnel restriction code (ADR)	: D/E
Limited quantities (ADR)	11
EAC	: •2YE
Excepted quantities (ADR)	: E2
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	: 127
Air transport	
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 5L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 60 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	x II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information				
15.1. US Federal regulations				
CHOLESTEROL (2,3,4-13C3,98%) 50 UG/ML IN ETHANOL				
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 Delayed (chronic) health hazard			
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313			
ETHANOL UNLABELED (64-17-5)				
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 Delayed (chronic) health hazard			
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313			

15.2. International regulations

CANADA	
CHOLESTEROL (2,3,4-13C3,98%) 50 UG/ML	IN ETHANOL

Listed on the Canadian DSL (Domestic Substances List)

15.2.1. National regulations

No additional information available

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15.3. US State regulations						
CHOLESTEROL (2,3,4-13C3,98%) 50 UG/ML IN ETHANOL()						
U.S California - Proposit	ion 65 - Carcinogens List	N	No			
U.S California - Proposition 65 - Developmental Toxicity		N	No			
U.S California - Proposition 65 - Reproductive Toxicity - Female		N	No			
U.S California - Proposition 65 - Reproductive Toxicity - Male		N	No			
State or local regulations		U	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			
ETHANOL UNLABELED	(64-17-5)					
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		
ETHANOL UNLABELED (64-17-5)						
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:

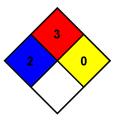
Eye Irrit. 2	Serious eye damage/eye irritation Category 2		
Flam. Liq. 2	Flammable liquids Category 2		
Skin Irrit. 2	Skin corrosion/irritation Category 2		
STOT SE 3	Specific target organ toxicity (single exposure) Category 3		
H225	Highly flammable liquid and vapor		
H315	Causes skin irritation		
H319	Causes serious eye irritation		
H335	May cause respiratory irritation		
R11	Highly flammable		
R36/37/38	Irritating to eyes, respiratory system and skin		
F	Highly flammable		
Xi	Irritant		

NFPA health hazard

NFPA fire hazard

NFPA reactivity

- : 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.
- : 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

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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