

N-BUTANOL (13C4, 99%) 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 Revision date: 12/05/2017 Date of issue: 15/12/2010 Supersedes: 07/05/2014

CLM-8116

Version: 3.0

SECTION 1: Identification of the	substance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Substance
Substance name	: N-BUTANOL (13C4, 99%)
EC Index No	: 603-004-00-6 (Unlabeled)
EC No	: 200-751-6 (Unlabeled)
CAS No	: 1219589-18-0
REACH registration No	: 01-2119484630-38
Product code	: CLM-8116
Formula	: *CH3(*CH2)3OH
Synonyms	: Butyl alcohol / n-Butanol
1.2. Relevant identified uses of the	substance 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 sa	afety data sheet
Cambridge Isotope Laboratories, Inc. 50 Frontage Road Andover, MA 01810 USA USA: 1-800-322-1174 Int: 1-978-749-800	00
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)	
<b>SECTION 2: Hazards identification</b>	on
2.1. Classification of the substance	e or mixture
Classification according to Regulation (	EC) No. 1272/2008 [CLP]
Flam. Liq. 3 H226	
Acute Tox. 4 (Oral) H302	
Skin Irrit. 2 H315	
Eye Dam. 1 H318	
STOT SE 3 H336	
STOT SE 3 H335	
Full text of hazard classes and H-statemen	its : see section 16
Classification according to Directive 67/	/548/EEC [DSD] or 1999/45/EC [DPD]
Xn; R22 Xi; R41 Xi; R37/38 R10 R67	
Full text of R-phrases: see section 16	
GHS-US classification	

### **GHS-US** classification

Flam. Liq. 3 H226 Acute Tox. 4 (Oral) H302 Skin Irrit. 2 H315 Eye Dam. 1 STOT SE 3 H318 H336

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H335 STOT SE 3

Full text of H statements : see section 16

### Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements	
Labelling according to Regulation (EC) N	lo. 1272/2008 [CLP]
Hazard pictograms (CLP)	
	GHS02 GHS05 GHS07
Signal word (CLP)	: Danger
Hazard statements (CLP)	: H226 - Flammable liquid and vapour H302 - Harmful if swallowed
	H315 - Causes skin irritation
	H318 - Causes serious eye damage
	H335 - May cause respiratory irritation
	H336 - May cause drowsiness or dizziness
Precautionary statements (CLP)	<ul> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking</li> </ul>
	P233 - Keep container tightly closed
	P240 - Ground/bond container and receiving equipment
	P241 - Use explosion-proof electrical equipment
	P261 - Avoid breathing dust, mist, spray, vapours P264 - Wash hands thoroughly after handling
	P270 - Do not eat, drink or smoke when using this product
	P271 - Use only outdoors or in a well-ventilated area
GHS-US labelling	
Hazard pictograms (GHS-US)	GHS02 GHS05 GHS07
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	: H226 - Flammable liquid and vapour
	H302 - Harmful if swallowed
	H315 - Causes skin irritation
	H318 - Causes serious eye damage H335 - May cause respiratory irritation
	H336 - May cause drowsiness or dizziness
Precautionary statements (GHS-US)	: P210 - Keep away from sparks, open flames, hot surfaces, heat No smoking
(	P233 - Keep container tightly closed
	P240 - Ground/Bond container and receiving equipment
	P241 - Use explosion-proof electrical equipment P242 - Use only non-sparking tools
	P243 - Take precautionary measures against static discharge
	P261 - Avoid breathing vapours, spray, gas, dust
	P264 - Wash hands thoroughly after handling
	P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area
	P280 - Wear protective gloves, protective clothing
	P301+P312 - If swallowed: Call a doctor if you feel unwell
	P302+P352 - If on skin: Wash with plenty of water P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse
	skin with water/shower
	P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
	P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove conta
	lenses, if present and easy to do. Continue rinsing
	P310 - Immediately call a doctor P312 - Call a doctor if you feel unwell
	P321 - Specific treatment (see Hazardous component(s) for labelling on this label)
	P330 - Rinse mouth

P330 - Rinse mouth

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P332+P313 - If skin irritation occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse P370+P378 - In case of fire: Use carbon dioxide (CO2), D-powder, alcohol resistant foam 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

No additional information available

### **SECTION 3: Composition/information on ingredients**

3.1. Substances			
Name	Product identifier	%	Classification according to Directive 67/548/EEC
N-BUTANOL (13C4, 99%)	(CAS No) 1219589-18-0 (EC No) 200-751-6 (Unlabeled) (EC Index No) 603-004-00-6 (Unlabeled) (REACH-no) 01-2119484630-38	100	Xn; R22 Xi; R41 Xi; R37/38 R10 R67
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
N-BUTANOL (13C4, 99%)	(CAS No) 1219589-18-0 (EC No) 200-751-6 (Unlabeled) (EC Index No) 603-004-00-6 (Unlabeled) (REACH-no) 01-2119484630-38	100	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336 STOT SE 3, H335

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

Name	Product identifier	%	GHS-US classification
N-BUTANOL (13C4, 99%) (Main constituent)	(CAS №) 1219589-18-0	100	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336 STOT SE 3, H335

Full text of H-statements: see section 16

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3.2. Mixtures	
Not applicable	
SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible). Evacuate danger area.
First-aid measures after inhalation	: When symptoms occur: go into open air and ventilate suspected area. If not breathing, give artificial respiration. Get medical advice/attention.
First-aid measures after skin contact	: Wash with plenty of soap and water. Get immediate medical advice/attention. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. 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 to do. Continue rinsing.
First-aid measures after ingestion	: Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.
4.2. Most important symptoms and effect	ts, both acute and delayed
Symptoms/injuries	: May cause damage to organs (Eyes, central nervous system, urinary bladder) (in contact with skin, if inhaled, if swallowed).
Symptoms/injuries after inhalation	: May be harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness.
Symptoms/injuries after skin contact	: May be harmful in contact with skin. Causes skin irritation.
Symptoms/injuries after eye contact	: Causes serious eye damage.
Symptoms/injuries after ingestion	: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

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4.3. Indication of any immediate medical attention and special treatment needed		
No additional information available		
SECTION 5: Fire-fighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	: Water spray. dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).	
5.2. Special hazards arising from the s	ubstance or mixture	
Fire hazard	: Flammable liquid and vapour.	
Explosion hazard	: May form flammable/explosive vapour-air mixture.	
5.3. Advice for firefighters		
Firefighting instructions	<ul> <li>Fight fire with normal precautions from a reasonable distance. Wear a self contained breathing apparatus. Do not enter fire area without proper protective equipment, including respiratory protection.</li> </ul>	
Protection during firefighting	<ul> <li>Do not enter fire area without proper protective equipment, including respiratory protection.</li> <li>Wear recommended personal protective equipment.</li> </ul>	
SECTION 6: Accidental release me	asures	
6.1. Personal precautions, protective e	equipment and emergency procedures	
General measures	: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.	
6.1.1. For non-emergency personnel		
Emergency procedures	: Use personal protective equipment as required. Avoid breathing vapours, mist, gas. Avoid dust formation. Ensure adequate air ventilation. Remove all sources of ignition. Evacuate danger area.	
6.1.2. For emergency responders		
Protective equipment	: Avoid breathing Dust, vapours.	
6.2. Environmental precautions		
Prevent entry to sewers and public waters. Do	not allow to enter drains or water courses. Avoid release to the environment.	
6.3. Methods and material for containing	nent and cleaning up	
For containment	: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation.	
6.4. Reference to other sections		
No additional information available		
SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Additional hazards when processed	: Handle empty containers with care because residual vapours are flammable.	
Precautions for safe handling	Provide adequate ventilation to minimize dust and/or vapour concentrations. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid breathing dust, Aerosols, gas, mist, vapours, spray. Use only outdoors or in a well- ventilated area.	
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling.	
7.2. Conditions for safe storage, include	ding any incompatibilities	
Technical measures	: Store in a well-ventilated place. Keep container tightly closed. Proper grounding procedures to avoid static electricity should be followed.	
Storage conditions	: Store at room temperature away from light and moisture.	
Incompatible materials	: Heat sources.	
7.3. Specific end use(s)		
No additional information available		
<b>SECTION 8: Exposure controls/per</b>	sonal protection	
8.1. Control parameters		
N-RUTANOL (13C4 99%) (1219589-18-0)		

N-BUTANOL (13C4, 99%) (1219589-18-0)		
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	20.00000000 ppm Remarks: Upper Respiratory Tract irritation;Eye irritation;USA. ACGIH Threshold Limit Values (TLV)

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N-BUTANOL (13C4, 99%) (12	19589-18-0)	
Italy - Portugal - USA ACGIH	ACGIH Ceiling (mg/m³)	150 mg/m <sup>3</sup> Remarks:Skin;California permissible exposure limits for chemical contaminants (Title 8, Article 107)
Italy - Portugal - USA ACGIH	ACGIH Ceiling (ppm)	50 ppm Remarks:Skin;California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA NIOSH	NIOSH REL (ceiling) (mg/m <sup>3</sup> )	150 mg/m <sup>3</sup> Potential for dermal absorption; USA. NIOSH Recommended Exposure Limits
USA NIOSH	NIOSH REL (ceiling) (ppm)	50 ppm Potential for dermal absorption; USA. NIOSH Recommended Exposure Limits
USA OSHA	OSHA PEL (TWA) (mg/m³)	300 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	100 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
USA OSHA	OSHA PEL (STEL) (mg/m³)	The value in mg/m3 is approximate. USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants

### 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. Wear suitable protective clothing.
Respiratory protection	: In case of inadequate ventilation wear respiratory protection. Approved supplied air respirator. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.
Environmental exposure controls	: Avoid release to the environment.

### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical ar	nd chemical properties	
Physical state	: Liquid	
Appearance	: Liquid. clear.	
Molecular mass	: 78.09 g/mol (Labeled)	
Colour	: Colourless.	
Odour	: No data available.	
Odour threshold	: No data available	
рН	: No data available	
Relative evaporation rate (butylacetate=1)	: No data available	
Melting point	: -90 °C (-130 °F)	
Freezing point	: No data available	
Boiling point	: 116 - 118 (241 - 244 °F)	
Flash point	: 35 °C (95 °F) - closed cup	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: Flammable liquid and vapour	
Vapour pressure	: 5 hPa (4 mmHg) at 20 °C (68 °F)	
Relative vapour density at 20 °C	: 2.56 - (Air = 1.0)	
Relative density	: No data available	
Density	: 0.81 g/ml at 25 °C (77 °F)	
Solubility	: Water: soluble	
Log Pow	: No data available	
Log Kow	: No data available	

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Viscosity, kinematic	: No data available	
Viscosity, dynamic	: No data available	
Explosive properties	: No data available	
Oxidising properties	: No data available	
Explosive limits	: 1.4 - 11.2 vol %	
9.2. Other information		
No additional information available		
SECTION 10: Stability and reactivity		
10.1. Reactivity		
No additional information available		
10.2. Chemical stability		
Stable if stored under recommended conditions.		
10.3. Possibility of hazardous reactions		
No additional information available		
10.4. Conditions to avoid		
Open flame. Overheating. Direct sunlight. Heat. Sparks.		
10.5. Incompatible materials		
Strong oxidizing agents.		
10.6. Hazardous decomposition products	\$	

Carbon oxides (CO, CO2). May release flammable gases. Flash back possible over considerable distance, Container explosion may occur under fire conditions.

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity	: Oral: Harmful if swallowed.	
N-BUTANOL (13C4, 99%) (1219589-18-0)		
LD50 oral rat	790 mg/kg Remarks: Liver:Fatty liver degeneration. Kidney, Ureter, Bladder:Other changes. Blood:Other changes.	
LD50 dermal rabbit	3400 mg/kg	
LC50 inhalation rat (ppm)	8000 ppm/4h	
ATE CLP (oral)	790.000 mg/kg bodyweight	
ATE CLP (dermal)	3400.000 mg/kg bodyweight	
ATE CLP (gases)	8000.000 ppmv/4h	
Skin corrosion/irritation	: Skin. rabbit. Result: Skin irritation. 24 Hours	
Serious eye damage/irritation	: Eyes. rabbit. Result: Can cause blindness. (OECD 405 method)	
Respiratory or skin sensitisation	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
STOT-single exposure	: May cause respiratory irritation. May cause drowsiness or dizziness	
STOT-repeated exposure	: Not classified	
Aspiration hazard	: Not classified	
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. Harmful if swallowed. Drying, cracking of the skin. Skin irritation. Stomach - Irregularities - Based on Human Evidence.	
Symptoms/injuries after inhalation	: May be harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness.	
Symptoms/injuries after skin contact	: May be harmful in contact with skin. Causes skin irritation.	
Symptoms/injuries after eye contact	: Causes serious eye damage.	
Symptoms/injuries after ingestion	: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.	

SECT	ION 12: Ecological inform	ation		
12.1.	Toxicity			

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N-BUTANOL (13C4, 99%) (1219589-18-0)	
LC50 fish 1	1840 mg/l - Pimephales promelas (fathead minnow) - 96 h
EC50 Daphnia 1	1983 mg/l - Daphnia magna (Water flea) - 48 h
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
N-BUTANOL (13C4, 99%) (1219589-18-0)	
Bioconcentration factor (BCF REACH)	0.38 ;Oncorhynchus mykiss (rainbow trout) - 24 h - 921 mg/l
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessme	ent
No additional information available	
12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal consideration	ns
13.1. Waste treatment methods	
Regional legislation (waste)	: Waste materials should be disposed of under conditions which meet Federal, State, and Loca
	environmental control regulations.
Product/Packaging disposal recommendations:	<ul> <li>Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a license professional waste disposal service to dispose of this material.</li> </ul>
Ecology - waste materials	: Dispose of as unused product.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / A	
14.1. UN number	
JN-No.(DOT)	: 1120
DOT NA no.	UN1120
14.2. UN proper shipping name	
Proper Shipping Name (DOT)	: Butanols
Class (DOT)	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT)	: 3 - Flammable liquid
	FLAMMABLE 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
	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); Composit
	(31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liqu with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at
	C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Ta
	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	· 120
14.3.         Additional information           Emergency Response Guide (ERG) Number           Other information	: 129 : No supplementary information available.

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Special transport precautions	: Not classified as dangerous in the meaning of transport regulations.
Overland transport	
Packing group (ADR)	: III
Class (ADR)	: 3 - Flammable liquid
Hazard identification number (Kemler No.)	: 30
Classification code (ADR)	: F1
Danger labels (ADR)	: 3 - Flammable liquids
	3
Orange plates	<b>30</b> <b>1120</b>
Tunnel restriction code (ADR)	: D/E
Limited quantities (ADR)	51
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	: 129
Air transport	
DOT Quantity Limitations Passenger aircraft/rail	· 60.1
(49 CFR 173.27)	
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	••••••
Special transport precautions	: Not classified as dangerous in the meaning of transport regulations.
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### 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

 N-BUTANOL (13C4, 99%) (1219589-18-0)

 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
 Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard

 SARA Section 313 - Emission Reporting
 Subject to reporting requirements of United States SARA Section 313

### 15.2. International regulations

### CANADA

N-BUTANOL (13C4, 99%) (1219589-18-0)	
Listed on the Canadian DSL (Domestic Substances List)	

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### 15.2.1. National regulations

No additional information available

15.3. US State regulations					
N-BUTANOL (13C4, 99%)(1219589-18-0)					
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 Massachusetts - Right To Know List U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List				

### SECTION 16: Other information

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-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
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, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
R10	Flammable
R22	Harmful if swallowed
R37/38	Irritating to respiratory system and skin
R41	Risk of serious damage to eyes
R67	Vapours may cause drowsiness and dizziness
Xi	Irritant
Xn	Harmful

NFPA health hazard	: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.	3
NFPA fire hazard	: 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.	
HMIS III Rating		
Health	: 2 Moderate Hazard - Temporary or minor injury may occur	
Flammability	: 3 Serious Hazard	
Physical	: 0 Minimal Hazard	

CIL Multi-Solvent 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