

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 05/16/2019 Version: 1.0

<b>SECTION 1: Identif</b>	ication	
1.1. Identification		
Product form		: Mixture
Product name		: 1,1,2-Trichlorotrifluoroethane Standard
Product code		: AL0-101754
1.2. Recommende	d use and restriction	ons on use
Use of the substance/mix	ture	: Laboratory use
1.3. Supplier		
Phenova 6390 Joyce Dr. Suite 100 Golden, CO 80403 - Unit T 1-866-942-2978 - F 1-8 info@phenova.com - ww	ed States 66-283-0269 <u>v.phenova.com</u>	
1.4. Emergency te	ephone number	
Emergency number		: ChemTel Assistance (US/Canada) 1-800-255-3924 ChemTel Assistance (International) +1 813-248-0585
<b>SECTION 2: Hazard</b>	d(s) identification	on
2.1. Classification	of the substance o	or mixture
GHS-US classification		
Flammable liquids	H225	Highly flammable liquid and vapour

Flammable liquids Category 2	H225	Highly flammable liquid and vapour
Acute toxicity (oral) Category 3	H301	Toxic if swallowed
Acute toxicity (dermal) Category 3	H311	Toxic in contact with skin
Acute toxicity (inhalation:dust,mist) Category 3	H331	Toxic if inhaled
Specific target organ toxicity (single exposure) Category 1	H370	Causes damage to organs
Hazardous to the ozone layer Category 1	H420	Harms public health and the environment by destroying ozone in the upper atmosphere
Full text of H statements : se	ee section 16	

2.2. GHS Label elements, including precautionary statements

#### GHS-US labeling

Hazard pictograms (GHS-US)	
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	: H225 - Highly flammable liquid and vapour H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled H370 - Causes damage to organs H420 - Harms public health and the environment by destroying ozone in the upper atmosphere
Precautionary statements (GHS-US)	<ul> <li>P210 - Keep away from heat/sparks/open flames/hot surfaces No smoking.</li> <li>P233 - Keep container tightly closed.</li> <li>P260 - Do not breathe dust/fume/gas/mist/vapors/spray.</li> <li>P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.</li> <li>P264 - Wash hands, forearms and face thoroughly after handling.</li> <li>P270 - Do not eat, drink or smoke when using this product.</li> <li>P271 - Use only outdoors or in a well-ventilated area.</li> <li>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</li> <li>P301+P310 - If swallowed: Immediately call a poison center or doctor</li> <li>P303+P351 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse</li> </ul>
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	<ul> <li>skin with water/shower</li> <li>P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing</li> <li>P307+P311 - If exposed: Call a poison center/doctor</li> <li>P311 - Call a poison center or doctor</li> <li>P312 - Call a poison center or doctor if you feel unwell</li> <li>P321 - Specific treatment (see supplemental first aid instruction on this label)</li> <li>P322 - Specific treatment (see supplemental first aid instruction on this label)</li> <li>P330 - Rinse mouth.</li> <li>P361+P364 - Take off immediately all contaminated clothing and wash it before reuse.</li> <li>P370+P378 - In case of fire: Use media other than water to extinguish.</li> <li>P403+P233 - Store in a well-ventilated place. Keep container tightly closed.</li> <li>P403+P235 - Store in a well-ventilated place. Keep cool.</li> <li>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation</li> <li>P502 - Refer to manufacturer/supplier for information on recovery/recycling.</li> </ul>
2.3. Other hazards which do not result in	classification
No additional information available	
2.4. Unknown acute toxicity (GHS US)	
Not applicable	

#### SECTION 3: Composition/Information on ingredients

3.1. Substan

#### Not applicable

3.2. Mixtures		
Name	Product identifier	Conc.
methanol	(CAS-No.) 67-56-1	99.8

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

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician. IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a poison center or doctor/physician. Wash with plenty of soap and water. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Immediately call a poison center or doctor/physician.
4.2. Most important symptoms and effect	s (acute and delayed)
Potential Adverse human health effects and symptoms	: Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled.
Symptoms/effects after inhalation	: Toxic if inhaled. Danger of serious damage to health by prolonged exposure through inhalation.
Symptoms/effects after skin contact	: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin.
Symptoms/effects after ingestion	: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.
4.3. Immediate medical attention and spe	cial treatment, if necessary

#### No additional information available

SECTION 5: Fire-fighting measures		
5.1. Suitable (and unsuitable) extinguish	ing media	
Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.	
Unsuitable extinguishing media	: Do not use a heavy water stream.	
5.2. Specific hazards arising from the ch	iemical	
Fire hazard	: Highly flammable liquid and vapour.	
Explosion hazard	: May form flammable/explosive vapor-air mixture.	
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5.3. Special protective equipment and	precautions for fire-fighters
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release me	asures
6.1. Personal precautions, protective e	quipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
	·
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection. Avoid breathing dust/fume/gas/mist/vapors/spray.
Emergency procedures	: Ventilate area.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. Not	ify authorities if liquid enters sewers or public waters.
6.3. Methods and material for containn	nent and cleaning up
Methods for cleaning up	: Take up in absorbent material. Collect spillage.
6.4. Reference to other sections	
See Heading 8. Exposure controls and persona	al protection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Use only non-sparking tools. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Do not eat, drink or smoke when using this product. Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, include	ling any incompatibilities
Technical measures	<ul> <li>Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.</li> </ul>
Storage conditions	: Keep in fireproof place. Keep container tightly closed. Keep container tightly closed and in a well-ventilated place. Keep away from any flames or sparking source.
Incompatible materials	: Direct sunlight. Heat sources.
SECTION 8: Exposure controls/per	sonal protection

#### SECTION 8: Exposure controls/personal protection

1,1,2-Trichlorotriflu	uoroethane Standard	
ACGIH	Local name	Methanol
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	250 ppm
ACGIH	Remark (ACGIH)	Headache; eye dam; dizziness; nausea
ACGIH	Regulatory reference	ACGIH 2018
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	7600 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA
methanol (67-56-1)		
ACGIH	Local name	Methanol
ACGIH	ACGIH TWA (ppm)	200 ppm (Methanol; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
ACGIH	ACGIH STEL (ppm)	250 ppm (Methanol; USA; Short time value; TLV - Adopted Value)

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methanol (67-56-1)		
ACGIH	Remark (ACGIH)	Headache; eye dam; dizziness; nausea
ACGIH	Regulatory reference	ACGIH 2018
OSHA	OSHA PEL (TWA) (mg/m³)	260 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	200 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Either local exhaust or general room ventilation is usually required.

8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure. Gloves. Protective clothing. Protective goggles. Safety glasses.

#### Hand protection:

Wear chemically resistant protective gloves. Wear suitable gloves resistant to chemical penetration

#### Eye protection:

Chemical goggles or safety glasses. Safety glasses

#### Skin and body protection:

Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact

#### **Respiratory protection:**

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

#### Personal protective equipment symbol(s):



#### Other information:

Do not eat, drink or smoke during use.

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

9.1. Information on basic physical and	d chemical properties	
Physical state	: Liquid	
Color	: Colorless	
Odor	: characteristic	
Odor threshold	: No data available	
рН	: No data available	
Melting point	: No data available	
Freezing point	: No data available	
Boiling point	: No data available	
Flash point	: No data available	
Relative evaporation rate (butyl acetate=1)	: No data available	
Flammability (solid, gas)	: Highly flammable liquid and vapour.	
Vapor pressure	: No data available	
Relative vapor density at 20 °C	: No data available	
Relative density	: No data available	
Solubility	: No data available	
Log Pow	: No data available	
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# 1,1,2-Trichlorotrifluoroethane Standard Safety Data Sheet

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
9.2. Other information	
No additional information available	
SECTION 10: Stability and reactivity	
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Highly flammable liquid and vapour. May form fla	mmable/explosive vapor-air mixture.
10.3. Possibility of hazardous reactions	
Not established.	
10.4. Conditions to avoid	
Direct sunlight. Extremely high or low temperatur	es. Open flame.
10.5. Incompatible materials	·
No additional information available	
10.6. Hazardous decomposition products	
May release flammable gases.	
	lon
SECTION 11: Toxicological informat	
11.1. Information on toxicological effects	
Acute toxicity	: Oral: Toxic if swallowed. Dermal: Toxic in contact with skin. Inhalation:dust,mist: Toxic if inhaled.
1,1,2-Trichlorotrifluoroethane Standard	
ATE US (oral)	100.2 mg/kg body weight
ATE US (dermal)	300.601 mg/kg body weight
ATE US (dust, mist)	0.501 mg/l/4h
methanol (67-56-1)	
LD50 oral rat	> 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of
	evidence)
LD50 dermal rabbit	15800 mg/kg (Rabbit; Literature study)
LC50 inhalation rat (mg/l)	85 mg/l/4h (Rat; Literature study)
LC50 inhalation rat (ppm)	64000 ppm/4h (Rat; Literature study)
ATE US (oral)	100 mg/kg body weight
ATE US (dermal)	300 mg/kg body weight
ATE US (dermal) ATE US (gases)	300 mg/kg body weight       700 ppmV/4h
ATE US (dermal) ATE US (gases) ATE US (vapors)	300 mg/kg body weight         700 ppmV/4h         3 mg/l/4h
ATE US (dermal) ATE US (gases) ATE US (vapors) ATE US (dust, mist)	300 mg/kg body weight           700 ppmV/4h           3 mg/l/4h           0.5 mg/l/4h
ATE US (dermal) ATE US (gases) ATE US (vapors) ATE US (dust, mist) Skin corrosion/irritation	300 mg/kg body weight         700 ppmV/4h         3 mg/l/4h         0.5 mg/l/4h         : Not classified
ATE US (dermal) ATE US (gases) ATE US (vapors) ATE US (dust, mist) Skin corrosion/irritation Serious eye damage/irritation	300 mg/kg body weight         700 ppmV/4h         3 mg/l/4h         0.5 mg/l/4h         : Not classified         : Not classified
ATE US (dermal)ATE US (gases)ATE US (vapors)ATE US (dust, mist)Skin corrosion/irritationSerious eye damage/irritationRespiratory or skin sensitization	300 mg/kg body weight         700 ppmV/4h         3 mg/l/4h         0.5 mg/l/4h         : Not classified         : Not classified         : Not classified         : Not classified
ATE US (dermal) ATE US (gases) ATE US (vapors) ATE US (dust, mist) Skin corrosion/irritation Serious eye damage/irritation	300 mg/kg body weight         700 ppmV/4h         3 mg/l/4h         0.5 mg/l/4h         : Not classified
ATE US (dermal) ATE US (gases) ATE US (vapors) ATE US (dust, mist) Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity	300 mg/kg body weight         700 ppmV/4h         3 mg/l/4h         0.5 mg/l/4h         : Not classified         : Not classified         : Not classified         : Not classified         Based on available data, the classification criteria are not met
ATE US (dermal)ATE US (gases)ATE US (vapors)ATE US (dust, mist)Skin corrosion/irritationSerious eye damage/irritationRespiratory or skin sensitization	300 mg/kg body weight         700 ppmV/4h         3 mg/l/4h         0.5 mg/l/4h         : Not classified
ATE US (dermal) ATE US (gases) ATE US (vapors) ATE US (dust, mist) Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity	300 mg/kg body weight         700 ppmV/4h         3 mg/l/4h         0.5 mg/l/4h         : Not classified         : Not classified         : Not classified         : Not classified         Based on available data, the classification criteria are not met
ATE US (dermal) ATE US (gases) ATE US (vapors) ATE US (dust, mist) Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity	300 mg/kg body weight         700 ppmV/4h         3 mg/l/4h         0.5 mg/l/4h         : Not classified         : Not classified         : Not classified         : Not classified         Based on available data, the classification criteria are not met         : Not classified
ATE US (dermal) ATE US (gases) ATE US (vapors) ATE US (dust, mist) Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity	300 mg/kg body weight         700 ppmV/4h         3 mg/l/4h         0.5 mg/l/4h         : Not classified
ATE US (dermal) ATE US (gases) ATE US (vapors) ATE US (dust, mist) Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity Reproductive toxicity	300 mg/kg body weight         700 ppmV/4h         3 mg/l/4h         0.5 mg/l/4h         : Not classified         : Not classified         : Not classified         : Not classified         Based on available data, the classification criteria are not met         : Not classified         : Not classified         Based on available data, the classification criteria are not met         : Not classified         Based on available data, the classification criteria are not met

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Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled.
Symptoms/effects after inhalation	: Toxic if inhaled. Danger of serious damage to health by prolonged exposure through inhalation.
Symptoms/effects after skin contact	<ul> <li>Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin.</li> </ul>
Symptoms/effects after ingestion	: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

### SECTION 12: Ecological information

40.4	
121	
14.1.	

methanol (67-56-1)	
LC50 fish 1	15400 mg/l (LC50; EPA 660/3 - 75/009; 96 h; Lepomis macrochirus; Flow-through system; Fresh water; Experimental value)
EC50 Daphnia 1	> 10000 mg/l (EC50; DIN 38412-11; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
LC50 fish 2	10800 mg/l (LC50; 96 h; Salmo gairdneri)

12.2. Persistence and degradability			
1,1,2-Trichlorotrifluoroethane Standard			
Persistence and degradability Not established.			
methanol (67-56-1)			
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil.		
Biochemical oxygen demand (BOD)	en demand (BOD) 0.6 - 1.12 g O <sub>2</sub> /g substance		
Chemical oxygen demand (COD)	hemical oxygen demand (COD) 1.42 g O <sub>2</sub> /g substance		
ThOD	1.5 g O <sub>2</sub> /g substance		
3OD (% of ThOD) 0.8 (Literature study)			

1,1,2-Trichlorotrifluoroethane Standard			
accumulative potential N	Not established.		
methanol (67-56-1)			
F fish 1 <	10 (BCF; 72 h; Leuciscus idus)		
Pow -(	-0.77 (Experimental value; Other)		
bioaccumulative potential Low potential for bioaccumulation (BCF < 500).			
Bioaccumulative potential     Low potential for bioaccumulation (BCF < 500).       12.4.     Mobility in soil			

methanol (67-56-1)	
Surface tension	0.023 N/m (20 °C)
Log Koc	Koc,PCKOCWIN v1.66; 1; Calculated value

12.5. Other adverse effects

12.3 Rioscoumulative potential

#### Other information

: Avoid release to the environment.

SECTION 13: Disposal considerations			
13.1. Disposal methods			
Product/Packaging 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	: Avoid release to the environment. Hazardous waste due to toxicity.		

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**SECTION 14: Transport information** 

#### Department of Transportation (DOT)

In accordance with DOT

- Transport document description UN-No.(DOT) Proper Shipping Name (DOT) Class (DOT) Packing group (DOT) Subsidiary risk (DOT) Hazard labels (DOT)
- : UN1992 Flammable liquids, toxic, n.o.s., 3 (6.1), III
- : UN1992

: 203

- : Flammable liquids, toxic, n.o.s.
- : 3 Class 3 Flammable and combustible liquid 49 CFR 173.120
- : III Minor Danger
- : 6.1 Class 6.1 Poisonous materials 49 CFR 173.132
- : 3 Flammable liquid
- 6.1 Poison



DOT Packaging Non Bulk	(49 CFR 173.xxx)
------------------------	------------------

DOT Packaging Bulk (49 CFR 173.xxx) : 242 DOT Symbols : G - Identifies PSN requiring a technical name 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). T7 - 4 178.274(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. TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP. DOT Packaging Exceptions (49 CFR 173.xxx) : 150 DOT Quantity Limitations Passenger aircraft/rail : 60 L (49 CFR 173.27) DOT Quantity Limitations Cargo aircraft only (49 : 220 L CFR 175.75) **DOT Vessel Stowage Location** : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel. Emergency Response Guide (ERG) Number 131 Other information : No supplementary information available. **Transportation of Dangerous Goods** Not applicable Transport by sea Transport document description (IMDG) : UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S., 3 (6.1), III UN-No. (IMDG) : 1992

- Proper Shipping Name (IMDG) : FLAMMABLE LIQUID, TOXIC, N.O.S. : 3 - Flammable liquids

  - : III substances presenting low danger
  - : 6.1 Toxic substances

Class (IMDG)

Packing group (IMDG)

Subsidiary risks (IMDG)

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Air transport	
Transport document description (IATA)	: UN 1992 Flammable liquid, toxic, n.o.s., 3 (6.1), III
UN-No. (IATA)	: 1992
Proper Shipping Name (IATA)	: Flammable liquid, toxic, n.o.s.
Class (IATA)	: 3 - Flammable Liquids
Packing group (IATA)	: III - Minor Danger
Subsidiary risks (IATA)	: 6.1 - Toxic substances

#### SECTION 15: Regulatory information

15.1. US Federal regulations

methanol (67-56-1)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313		
Listed on EPA Hazardous Air Pollutant (HAPS)		
CERCLA RQ	5000 lb	

15.2. International regulations

#### CANADA

#### methanol (67-56-1)

Listed on the Canadian DSL (Domestic Substances List)

#### **EU-Regulations**

No additional information available

#### National regulations

#### methanol (67-56-1)

Listed on EPA Hazardous Air Pollutant (HAPS)

15.3. US State regulations

methanol (67-56-1)					
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)	Maximum allowable dose level (MADL)
No	Yes	No	No		47000 μg/day (inhalation); 23,000 μg/day (oral)

#### **SECTION 16: Other information**

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information

Full	text of H-phrases:	
	H225	Highly flammable liquid and vapour
	H301	Toxic if swallowed
	H311	Toxic in contact with skin
	H331	Toxic if inhaled
	H370	Causes damage to organs
	H420	Harms public health and the environment by destroying ozone in the upper atmosphere

: None.

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