

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 06/25/2020 Revision date: 06/25/2020 Version: 1.0

SECTION 1: Identific	ation	
1.1. Identification		
Product form	:	Mixture
Product name	:	Acetonitrile_
Product code	:	AL0-101320
1.2. Recommended u	use and restrictions on	l use
No additional information av	vailable	
1.3. Supplier		
Phenova 6390 Joyce Dr. Suite 100 Golden, CO 80403 - United T 1-866-942-2978 - F 1-866 info@phenova.com - www.p	6-283-0269	
1.4. Emergency telep	ohone number	
Emergency number	:	ChemTel Assistance (US/Canada) 1-800-255-3924
		ChemTel Assistance (International) +1 813-248-0585
SECTION 2: Hazard(s	s) identification	
	the substance or mixt	ure
GHS US classification		
Flammable liquids	H225	Highly flammable liquid and vapour
Category 2	11204	Toxic if swallowed
Acute toxicity (oral) Category 3	H301	I OXIC II SWAIIOWED
Acute toxicity (dermal)	H311	Toxic in contact with skin
Category 3 Acute toxicity	H331	Toxic if inhaled
(inhalation:dust,mist)	11551	
Category 3		
Specific target organ toxicity (single exposure) Category 1	H370	Causes damage to organs

Full text of H statements : see 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 Precautionary statements (GHS US) : 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 P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P260 - Do not breathe dust/fume/gas/mist/vapors/spray. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P264 - Wash hands, forearms and face 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/eye protection/face protection.
- P301+P310 If swallowed: Immediately call a poison center or doctor

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	P307+P311 - If exposed: Call a pois P311 - Call a poison center or docto P312 - Call a poison center or docto P321 - Specific treatment (see supp P322 - Specific treatment (see supp P330 - Rinse mouth. P361+P364 - Take off immediately P370+P378 - In case of fire: Use m P403+P233 - Store in a well-ventila P403+P235 - Store in a well-ventila P405 - Store locked up.	erson to fresh air and keep comfortable for son center/doctor or or if you feel unwell blemental first aid instruction on this label) blemental first aid instruction on this label) all contaminated clothing and wash it befo edia other than water to extinguish. ted place. Keep container tightly closed. ted place. Keep cool. er to hazardous or special waste collectior	breathing re reuse.
2.3. Other hazards which do not res	sult in classification		
No additional information available			
2.4. Unknown acute toxicity (GHS L	JS)		
Not applicable			
SECTION 3: Composition/Inform	ation on ingredients		
3.1. Substances			
Not applicable			
3.2. Mixtures			
Name		Product identifier	Conc.
Name			
methanol Full text of hazard classes and H-statement	ts : see section 16	(CAS-No.) 67-56-1	99.9
methanol		(CAS-No.) 67-56-1	99.9
methanol Full text of hazard classes and H-statement SECTION 4: First-aid measures	es : Never give anything by mouth to an	(CAS-No.) 67-56-1 unconscious person. Call a POISON CEN acerned: Get medical advice/attention.	
methanol Full text of hazard classes and H-statement SECTION 4: First-aid measures 4.1. Description of first aid measure	es : Never give anything by mouth to an doctor/physician. IF exposed or cor	unconscious person. Call a POISON CEN ncerned: Get medical advice/attention. o at rest in a position comfortable for breat	NTER or
methanol Full text of hazard classes and H-statement SECTION 4: First-aid measures 4.1. Description of first aid measure First-aid measures general	 Never give anything by mouth to an doctor/physician. IF exposed or cor Remove victim to fresh air and keep call a poison center or doctor/physic Rinse skin with water/shower. Rem 	unconscious person. Call a POISON CEN ncerned: Get medical advice/attention. o at rest in a position comfortable for breat cian. ove/Take off immediately all contaminated doctor/physician. Wash with plenty of soa	NTER or hing. Immediately clothing.
methanol Full text of hazard classes and H-statement SECTION 4: First-aid measures 4.1. Description of first aid measure First-aid measures general First-aid measures after inhalation	 Never give anything by mouth to an doctor/physician. IF exposed or cor Remove victim to fresh air and keep call a poison center or doctor/physic Rinse skin with water/shower. Rem Immediately call a poison center or Wash contaminated clothing before Remove contact lenses, if present a 	unconscious person. Call a POISON CEN ncerned: Get medical advice/attention. o at rest in a position comfortable for breat cian. ove/Take off immediately all contaminated doctor/physician. Wash with plenty of soa	NTER or hing. Immediately clothing. p and water. utiously with
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methanol Full text of hazard classes and H-statement SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and Potential Adverse human health effects and symptoms Symptoms/effects after inhalation Symptoms/effects after induction	 Never give anything by mouth to an doctor/physician. IF exposed or correst in the exposure in the exposure of the exposure in the exposure in the exposed or correst in the exposure in the exposed or correst in the exposed. Swallowing a ser the exposed or correst in the exposed or correst in	a unconscious person. Call a POISON CEN acerned: Get medical advice/attention. to at rest in a position comfortable for breat cian. ove/Take off immediately all contaminated doctor/physician. Wash with plenty of soal reuse. and easy to do. Continue rinsing. Rinse ca hedical attention if pain, blinking or redness ting. Obtain emergency medical attention. with skin. Toxic if inhaled. damage to health by prolonged exposure t can result in absorption through skin caus skin.	NTER or hing. Immediately clothing. p and water. utiously with s persists. Immediately call a hrough inhalation ing significant
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methanol Full text of hazard classes and H-statement SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptoms and Potential Adverse human health effects and symptoms Symptoms/effects after inhalation Symptoms/effects after ingestion 4.3. Immediate medical attention ar No additional information available SECTION 5: Fire-fighting measures	 Never give anything by mouth to an doctor/physician. IF exposed or correct is Remove victim to fresh air and keep call a poison center or doctor/physic Rinse skin with water/shower. Remultimediately call a poison center or Wash contaminated clothing before Remove contact lenses, if present a water for several minutes. Obtain m Rinse mouth. Do NOT induce vomiti poison center or doctor/physician. effects (acute and delayed) Toxic if swallowed. Toxic in contact Toxic if inhaled. Danger of serious of Repeated exposure to this material health hazard. Toxic in contact with Toxic if swallowed. Swallowing a sm hazard. 	a unconscious person. Call a POISON CEN acerned: Get medical advice/attention. to at rest in a position comfortable for breat cian. ove/Take off immediately all contaminated doctor/physician. Wash with plenty of soal reuse. and easy to do. Continue rinsing. Rinse ca hedical attention if pain, blinking or redness ting. Obtain emergency medical attention. with skin. Toxic if inhaled. damage to health by prolonged exposure t can result in absorption through skin caus skin. nall quantity of this material will result in se	NTER or hing. Immediately clothing. p and water. utiously with s persists. Immediately call a hrough inhalation ing significant

5.2. Specific hazards arising from the chemical

: Highly flammable liquid and vapour.

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Explosion hazard	: May form flammable/explosive vapor-air mixture.
5.3. Special protective equipment a	nd 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 r	neasures
6.1. Personal precautions, protectiv	e equipment 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.	Notify authorities if liquid enters sewers or public waters.
6.3. Methods and material for conta	inment 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 pers	ional protection.
SECTION 7: Handling and storage	le
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, inc	luding any incompatibilities
Fechnical measures	 Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.
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.
ncompatible materials	: Direct sunlight. Heat sources.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters				
Acetonitrile_				
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/m³)	260 mg/m ³		
OSHA	OSHA PEL (TWA) (ppm)	200 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)		

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methanol (67-56-1)				
ACGIH	ACGIH STEL (ppm)	250 ppm (Methanol; USA; Short time value; TLV - Adopted Value)		
ACGIH	Remark (ACGIH)	Headache; eye dam; dizziness; nausea		
ACGIH	Regulatory reference	ACGIH 2018		
OSHA	OSHA PEL (TWA) (mg/m ³)	260 mg/m ³		
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	I chemical properties
Physical state	: Liquid
	: Colorless
	: characteristic
Odor threshold	: No data available
pН	: 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
Relative density	: No data available

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Solubility	: No data available
Log Pow	: No data available
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 reactivi	ty
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Highly flammable liquid and vapour. May form	flammable/explosive vapor-air mixture
10.3. Possibility of hazardous reaction	S
Not established.	
10.4. Conditions to avoid	
Direct sunlight. Extremely high or low tempera	atures. Open flame.
10.5. Incompatible materials	
No additional information available	
10.6. Hazardous decomposition produc	CTS
May release flammable gases.	
SECTION 11: Toxicological inform	ation
11.1. Information on toxicological effect	cts
Acute toxicity	: Not classified
Acetonitrile	
Acetonitrile_	100.2 mg/kg body weight
ATE US (oral)	100.2 mg/kg body weight
ATE US (oral) ATE US (dermal)	300.601 mg/kg body weight
ATE US (oral) ATE US (dermal) ATE US (dust, mist)	
ATE US (oral) ATE US (dermal) ATE US (dust, mist) methanol (67-56-1)	300.601 mg/kg body weight 0.501 mg/l/4h
ATE US (oral) ATE US (dermal) ATE US (dust, mist)	300.601 mg/kg body weight 0.501 mg/l/4h > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of
ATE US (oral) ATE US (dermal) ATE US (dust, mist) methanol (67-56-1)	300.601 mg/kg body weight 0.501 mg/l/4h > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence)
ATE US (oral) ATE US (dermal) ATE US (dust, mist) methanol (67-56-1) LD50 oral rat LD50 dermal rabbit	300.601 mg/kg body weight 0.501 mg/l/4h > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of
ATE US (oral) ATE US (dermal) ATE US (dust, mist) methanol (67-56-1) LD50 oral rat	300.601 mg/kg body weight 0.501 mg/l/4h > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence) 15800 mg/kg (Rabbit; Literature study)
ATE US (oral) ATE US (dermal) ATE US (dust, mist) methanol (67-56-1) LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l)	300.601 mg/kg body weight 0.501 mg/l/4h > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence) 15800 mg/kg (Rabbit; Literature study) 85 mg/l/4h (Rat; Literature study)
ATE US (oral) ATE US (dermal) ATE US (dust, mist) methanol (67-56-1) LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) LC50 inhalation rat (ppm)	300.601 mg/kg body weight 0.501 mg/l/4h > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence) 15800 mg/kg (Rabbit; Literature study) 85 mg/l/4h (Rat; Literature study) 64000 ppm/4h (Rat; Literature study)
ATE US (oral) ATE US (dermal) ATE US (dust, mist) methanol (67-56-1) LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) LC50 inhalation rat (ppm) ATE US (oral)	300.601 mg/kg body weight 0.501 mg/l/4h > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence) 15800 mg/kg (Rabbit; Literature study) 85 mg/l/4h (Rat; Literature study) 64000 ppm/4h (Rat; Literature study) 100 mg/kg body weight
ATE US (oral) ATE US (dermal) ATE US (dust, mist) methanol (67-56-1) LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) LC50 inhalation rat (ppm) ATE US (oral) ATE US (dermal)	300.601 mg/kg body weight 0.501 mg/l/4h > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence) 15800 mg/kg (Rabbit; Literature study) 85 mg/l/4h (Rat; Literature study) 64000 ppm/4h (Rat; Literature study) 100 mg/kg body weight 300 mg/kg body weight
ATE US (oral) ATE US (dermal) ATE US (dust, mist) methanol (67-56-1) LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) LC50 inhalation rat (ppm) ATE US (oral) ATE US (dermal) ATE US (gases)	300.601 mg/kg body weight 0.501 mg/l/4h > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence) 15800 mg/kg (Rabbit; Literature study) 85 mg/l/4h (Rat; Literature study) 64000 ppm/4h (Rat; Literature study) 100 mg/kg body weight 300 mg/kg body weight 700 ppmV/4h
ATE US (oral) ATE US (dermal) ATE US (dust, mist) methanol (67-56-1) LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) LC50 inhalation rat (ppm) ATE US (oral) ATE US (dermal) ATE US (gases) ATE US (vapors)	300.601 mg/kg body weight 0.501 mg/l/4h > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence) 15800 mg/kg (Rabbit; Literature study) 85 mg/l/4h (Rat; Literature study) 64000 ppm/4h (Rat; Literature study) 100 mg/kg body weight 300 mg/kg body weight 300 mg/kg body weight 300 mg/kg hody weight 300 mg/kg hody weight 300 mg/kg hody weight
ATE US (oral) ATE US (dermal) ATE US (dust, mist) methanol (67-56-1) LD50 oral rat LD50 dermal rabbit LC50 inhalation rat (mg/l) LC50 inhalation rat (ppm) ATE US (oral) ATE US (dermal) ATE US (gases) ATE US (vapors) ATE US (dust, mist)	300.601 mg/kg body weight 0.501 mg/l/4h > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence) 15800 mg/kg (Rabbit; Literature study) 85 mg/l/4h (Rat; Literature study) 64000 ppm/4h (Rat; Literature study) 100 mg/kg body weight 300 mg/kg body weight 300 mg/kg body weight 0.5 mg/l/4h
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STOT-single exposure	: Causes damage to organs.
STOT-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	 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.

SECTION 12: Ecological information			
12.1. Toxicity			
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			
Acetonitrile_			
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)	0.6 - 1.12 g O₂/g substance		
Chemical oxygen demand (COD)	1.42 g O₂/g substance		
ThOD	1.5 g O ₂ /g substance		
BOD (% of ThOD)	0.8 (Literature study)		
12.3. Bioaccumulative potential			
Acetonitrile_			
Bioaccumulative potential	Not established.		
methanol (67-56-1)			
BCF fish 1	< 10 (BCF; 72 h; Leuciscus idus)		
Log Pow	-0.77 (Experimental value; Other)		
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		

Acetonitrile_	
methanol (67-56-1)	
Other information	: Avoid release to the environment.

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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.	
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)

- DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx)
- DOT Symbols
- DOT Special Provisions (49 CFR 172.102)
- : UN1992 Flammable liquids, toxic, n.o.s. (methanol), 3 (6.1), II : UN1992 : Flammable liquids, toxic, n.o.s. methanol : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120 : II - Medium Danger : 6.1 - Class 6.1 - Poisonous materials 49 CFR 173.132 3 - Flammable liquid 6.1 - Poison : 202 : 243 : G - Identifies PSN requiring a technical name : 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 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. T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3) TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively. TP13 - Self-contained breathing apparatus must be provided when this hazardous material is transported by sea.

DOT Packaging Exceptions (49 CFR 173.xxx)	:	150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	1L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	60 L
DOT Vessel Stowage Location	:	B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
DOT Vessel Stowage Other	:	40 - Stow "clear of living quarters"
Emergency Response Guide (ERG) Number	:	131
Other information	:	No supplementary information available.

Transportation of Dangerous Goods

Not applicable

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Transport by sea

Air transport	
Subsidiary risks (IMDG)	: 6.1 - Toxic substances
Packing group (IMDG)	: II - substances presenting medium danger
Class (IMDG)	: 3 - Flammable liquids
Proper Shipping Name (IMDG)	: FLAMMABLE LIQUID, TOXIC, N.O.S.
UN-No. (IMDG)	: 1992
Transport document description (IMDG)	: UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (methanol), 3 (6.1), II

Air transport

Transport document description (IATA)	: UN 1992 Flammable liquid, toxic, n.o.s. (methanol), 3 (6.1), II
UN-No. (IATA)	: 1992
Proper Shipping Name (IATA)	: Flammable liquid, toxic, n.o.s.
Class (IATA)	: 3 - Flammable Liquids
Packing group (IATA)	: II - Medium Danger
Subsidiary hazards (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)

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	
Revision date	: 06/25/2020
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	: None.

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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

Phenova US SDS REV

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