

Safety Data Sheet

performance through chemistry

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 07/03/2013 Revision date: 08/05/2015

Supersedes: 07/03/2013

Version: 1.1

SECTION 1: Identifica	tion
1.1. Identification	
Product form	: Mixture
Product name	: Potassium Hydroxide, 0.5N (0.5M) in Methanol
Product code	: LC19520
1.2. Relevant identifie	d uses of the substance or mixture and uses advised against
Use of the substance/mixture	: For laboratory and manufacturing use only.
1.3. Details of the sup	plier of the safety data sheet
T 412-826-5230 - F 724-473- info@labchem.com - www.la	ochem.com
1.4. Emergency teleph	
Emergency number	: CHEMTREC: 1-800-424-9300 or 011-703-527-3887
SECTION 2: Hazard(s)	identification
2.1. Classification of t	he substance or mixture
Classification (GHS-US)	
Flam. Liq. 2 Acute Tox. 3 (Oral) Acute Tox. 3 (Dermal) Acute Tox. 3 (Inhalation)	H225 - Highly flammable liquid and vapour H301 - Toxic if swallowed H311 - Toxic in contact with skin H331 - Toxic if inhaled

- Acute Tox. 3 (Inhalation:dust,mist) H331 Toxic if inhaled
 - H314 Causes severe skin burns and eye damage
 - H318 Causes serious eye damage
 - H370 Causes damage to organs (central nervous system, optic nerve, liver, kidneys) (Dermal, oral)

Full text of H-phrases: see section 16

Skin Corr. 1B Eye Dam. 1

STOT SE 1

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	P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves, protective clothing, eye protection, face protection P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower 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 contact	
	P264 - Wash exposed skin thoroughly after handling P270 - Do not eat, drink or smoke when using this product	
	P243 - Take precautionary measures against static discharge P260 - Do not breathe mist, vapors, spray	
	P242 - Use only non-sparking tools	
	P240 - Ground/bond container and receiving equipment P241 - Use explosion-proof electrical, ventilating, lighting equipment	
Precautionary statements (GHS-US)	P233 - Keep container tightly closed	
Procedutionary statements (CHS LIS)	 H314 - Causes severe skin burns and eye damage H370 - Causes damage to organs (central nervous system, optic nerve, liver, kidneys) (Dermal, oral) P210 - Keep away from heat, sparks, open flames, hot surfaces No smoking 	
Hazard statements (GHS-US)	 H225 - Highly flammable liquid and vapor H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled 	
Signal word (GHS-US)	: Danger	
	GHS02 GHS05 GHS06 GHS08	
Hazard pictograms (GHS-US)		
GHS-US labeling		

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		lenses, if present and easy to do. Contin P310 - Immediately call a poison center P363 - Wash contaminated clothing bef P370+P378 - In case of fire: Use carbo extinguish P403+P235 - Store in a well-ventilated p P405 - Store locked up P501 - Dispose of contents/container to	/doctor ore reuse n dioxide (CO2), po place. Keep cool	
2.3.	Other hazards			
Other ha	5	None.		
2.4.	Unknown acute toxicity (GHS US)			
Not appl	icable			
SECTI	ON 3: Composition/information	on ingredients		
3.1.	Substance			
Not appl	icable			
3.2.	Mixture			
Name		Product identifier	%	Classification (GHS-US)
Methano	ol	(CAS No) 67-56-1	97.25	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT SE 1, H370
Potassiu	um Hydroxide	(CAS No) 1310-58-3	2.75	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318
Full text	of H-phrases: see section 16			
SECTI	ON 4: First aid measures			
4.1.	Description of first aid measures			
First-aid		Never give anything by mouth to an unc	onscious person. If	
		advice (show the label where possible).	Call a POISON CE	NTER or doctor/physician.
First-aid	measures after inhalation :	advice (show the label where possible). Remove victim to fresh air and keep at call a poison center or doctor/physician.	rest in a position co	
	measures after inhalation : measures after skin contact :	Remove victim to fresh air and keep at	rest in a position co Take off immediate tor/physician. Wash	mfortable for breathing. Immediately ly all contaminated clothing.
First-aid	measures after skin contact :	Remove victim to fresh air and keep at a call a poison center or doctor/physician. Rinse skin with water/shower. Remove/ Immediately call a poison center or doct	rest in a position co Take off immediate tor/physician. Wash se. minutes. Remove c	mfortable for breathing. Immediately ly all contaminated clothing. with plenty of soap and water. ontact lenses, if present and easy to
First-aid	measures after skin contact : measures after eye contact :	Remove victim to fresh air and keep at call a poison center or doctor/physician. Rinse skin with water/shower. Remove/ Immediately call a poison center or doct Wash contaminated clothing before reu Rinse cautiously with water for several of	rest in a position co Take off immediate tor/physician. Wash se. minutes. Remove c poison center or do	mfortable for breathing. Immediately ly all contaminated clothing. with plenty of soap and water. ontact lenses, if present and easy to octor/physician.
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First-aid First-aid First-aid 4.2.	measures after skin contact : measures after eye contact : measures after ingestion : Most important symptoms and effects	Remove victim to fresh air and keep at call a poison center or doctor/physician. Rinse skin with water/shower. Remove/ Immediately call a poison center or doct Wash contaminated clothing before reu Rinse cautiously with water for several a do. Continue rinsing. Immediately call a Rinse mouth. Do NOT induce vomiting.	Take off immediate tor/physician. Wash se. minutes. Remove c poison center or do Immediately call a mage. Causes dama	mfortable for breathing. Immediately ly all contaminated clothing. with plenty of soap and water. ontact lenses, if present and easy to octor/physician. poison center or doctor/physician.
First-aid First-aid First-aid 4.2. Sympton	measures after skin contact : measures after eye contact : measures after ingestion : Most important symptoms and effects ns/injuries :	Remove victim to fresh air and keep at a call a poison center or doctor/physician. Rinse skin with water/shower. Remove/ Immediately call a poison center or doct Wash contaminated clothing before reu Rinse cautiously with water for several a do. Continue rinsing. Immediately call a Rinse mouth. Do NOT induce vomiting. both acute and delayed Causes severe skin burns and eye dam nervous system, kidneys, liver) (Dermal May cause respiratory irritation. May ca	rest in a position co Take off immediate tor/physician. Wash se. minutes. Remove c poison center or do Immediately call a mage. Causes dama). use drowsiness or o	mfortable for breathing. Immediately ly all contaminated clothing. a with plenty of soap and water. ontact lenses, if present and easy to octor/physician. poison center or doctor/physician. ge to organs (optic nerve, central dizziness.
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First-aid First-aid First-aid Sympton Sympton Sympton Sympton	measures after skin contact : measures after eye contact : measures after ingestion : Most important symptoms and effects : ns/injuries : ns/injuries after inhalation : ns/injuries after skin contact : ns/injuries after eye contact : ns/injuries after ingestion :	Remove victim to fresh air and keep at a call a poison center or doctor/physician. Rinse skin with water/shower. Remove/ Immediately call a poison center or doct Wash contaminated clothing before reu Rinse cautiously with water for several a do. Continue rinsing. Immediately call a Rinse mouth. Do NOT induce vomiting. both acute and delayed Causes severe skin burns and eye dam nervous system, kidneys, liver) (Dermal May cause respiratory irritation. May ca Repeated exposure to this material can health hazard. Toxic in contact with skir Causes serious eye damage. Toxic if swallowed. Swallowing a small	rest in a position co Take off immediate tor/physician. Wash se. minutes. Remove co poison center or do Immediately call a lage. Causes dama). use drowsiness or o result in absorption n.	mfortable for breathing. Immediately ly all contaminated clothing. with plenty of soap and water. ontact lenses, if present and easy to octor/physician. poison center or doctor/physician. ge to organs (optic nerve, central dizziness. h through skin causing significant erial will result in serious health
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5.2.	Special hazards arising from the substance or mixture		
Fire haz	zard : Highly flammable liquid and vapor.		
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0 ,	
Explosion hazard	: May form flammable/explosive vapor-air mixture.
Reactivity	: Thermal decomposition generates : Corrosive vapors.
5.3. Advice for firefighters	
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 measures		
6.1. Personal precautions, protective e	equipment and emergency procedures	
General measures	: Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.	
6.1.1. For non-emergency personnel		
Protective equipment	: Gloves. Safety glasses. Protective clothing. Face-shield.	
Emergency procedures	: Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment	: Equip cleanup crew with proper protection. Avoid breathing mist, 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 containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal 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 naked lights. No smoking. Use only non-sparking tools. Do not breathe mist, vapors, spray.	
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse.	
7.2. Conditions for safe storage, including	ng any incompatibilities	
Technical measures	: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/ equipment. Comply with applicable regulations.	
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Heat sources., incompatible materials. Keep in fireproof place. Keep container tightly closed.	
Incompatible products	: Strong bases. Strong acids. Acid anhydrides. Acid chlorides. Strong oxidizers.	
Incompatible materials	: Sources of ignition. Direct sunlight. Heat sources.	

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Potassium Hydroxide (1310-58-3)		
ACGIH	ACGIH Ceiling (mg/m ³)	2 mg/m ³
Methanol (67-56-1)		
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	200 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	260 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	200 ppm

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3.2. Exposure controls	
Appropriate engineering controls	: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Keep concentrations well below lower explosion limits.
Personal protective equipment	: Avoid all unnecessary exposure. Safety glasses. Protective clothing. Gloves. Face shield.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or face shield.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.
Other information	: Do not eat, drink or smoke during use.
SECTION 9: Physical and chemica	properties
9.1. Information on basic physical and	
Physical state	: Liquid
Color	: Colourless to light yellow
Ddor	: Alcohol odour characteristic
Ddor threshold	: No data available
ЬН	: No data available
lelting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 11 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: 6 - 31 vol %
Explosive properties	: No data available
Dxidizing properties	: No data available
/apor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: 1.11
Specific gravity / density	: 0.8
Solubility	 Miscible with water. Soluble in ethanol. Water: Solubility in water of component(s) of the mixture : Potassium Hydroxide: 112 g/100ml Methanol: >= 100 g/100ml
log Pow	: No data available
uto-ignition temperature	: 445 °C
Decomposition temperature	: No data available
/iscosity	: No data available
/iscosity, kinematic	: No data available
/iscosity, dynamic	: No data available

No additional information available

SECT	ION 10: Stability an	d reactivity
10.1	D 41.14	

10.1. Reactivity

Thermal decomposition generates : Corrosive vapors.

10.2. **Chemical stability**

Not established. Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3. Possibility of hazardous reactions

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10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Acid anhydrides. Acid chlorides. Halogens. Peroxides. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Potassium oxide. fume. Carbon monoxide. Carbon dioxide. May release flammable gases. Thermal decomposition generates : Corrosive vapors.

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
· · · · · · · · · · · · · · · · · · ·		
Likely routes of exposure	: Inhalation; Skin and eve contact	
Acute toxicity	: Oral: Toxic if swallowed. Dermal: Toxic in contact with skin. Inhalation: Toxic if inhaled.	
	Inhalation:dust,mist: Toxic if inhaled.	
Potassium Hydroxide, 0.5N (0.5M) in Methan	ol	
ATE US (oral)	101.962 mg/kg body weight	
ATE US (dermal)	308.483 mg/kg body weight	
ATE US (gases)	700.000 ppmV/4h	
ATE US (vapors)	3.000 mg/l/4h	
ATE US (dust, mist)	0.500 mg/l/4h	
Potassium Hydroxide (1310-58-3)		
LD50 oral rat	333 mg/kg (Rat; Equivalent or similar to OECD 425; Experimental value)	
ATE US (oral)	333.000 mg/kg body weight	
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)	100.000 mg/kg body weight	
ATE US (dermal)	300.000 mg/kg body weight	
ATE US (gases)	700.000 ppmV/4h	
ATE US (vapors)	3.000 mg/l/4h	
ATE US (dust, mist)	0.500 mg/l/4h	
Skin corrosion/irritation	: Causes severe skin burns and eye damage.	
	, ,	
Serious eye damage/irritation	: Causes serious eye damage.	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
	Based on available data, the classification criteria are not met	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
	Based on available data, the classification criteria are not met	
Specific target organ toxicity (single exposure)	: Causes damage to organs (central nervous system, optic nerve, liver, kidneys) (Dermal, oral).	
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.	
Symptoms/injuries after inhalation	: May cause respiratory irritation. May cause drowsiness or dizziness.	
Symptoms/injuries after skin contact	 Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin. 	
Symptoms/injuries after eye contact	: Causes serious eye damage.	

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Symptoms/injuries after ingestion	: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.
Chronic symptoms	: Cracking of the skin. Visual disturbances. Impairment of the nervous system.

SECTION 12: Ecological information

12.1. Toxicity

Potassium Hydroxide (1310-58-3)		
LC50 fish 1	> 28.6 mg/l (96 h; Pisces; Lethal)	
LC50 fish 2	80 mg/l (Gambusia affinis)	
TLM fish 1	80 ppm (24 h; Gambusia affinis)	
Methanol (67-56-1)		
LC50 fish 1	15400 mg/l (96 h; Lepomis macrochirus; Lethal)	
EC50 Daphnia 1	> 10000 mg/l (48 h; Daphnia magna; Lethal)	
LC50 fish 2	10800 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)	
EC50 Daphnia 2	24500 mg/l (48 h; Daphnia magna; Locomotor effect)	
Threshold limit other aquatic organisms 1	6600 mg/l (16 h; Pseudomonas putida)	
Threshold limit algae 1	530 mg/l (192 h; Microcystis aeruginosa)	
Threshold limit algae 2	8000 mg/l (168 h; Scenedesmus quadricauda)	

12.2. Persistence and degradability

Potassium Hydroxide, 0.5N (0.5M) in Methano	1	
Persistence and degradability	Not established.	
Potassium Hydroxide (1310-58-3)		
Persistence and degradability	Biodegradability: not applicable.	
Biochemical oxygen demand (BOD)	Not applicable	
Chemical oxygen demand (COD)	Not applicable	
ThOD	Not applicable	
BOD (% of ThOD)	Not applicable	
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 O₂/g substance	
BOD (% of ThOD)	0.8 % ThOD	

12.3. Bioaccumulative potential

Potassium Hydroxide, 0.5N (0.5M) in Methanol		
Bioaccumulative potential	Not established.	
Potassium Hydroxide (1310-58-3)		
Bioaccumulative potential	Bioaccumulation: not applicable.	
Methanol (67-56-1)		
BCF fish 1	< 10 (72 h; Leuciscus idus)	
BCF fish 2	1 (72 h; Cyprinus carpio; Blood)	
Log Pow	-0.77 (Experimental value; Other)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	

12.4. Mobility in soil

Methai	nol (67-56-1)	
Surface	e tension	0.023 N/m (20 °C)
12.5.	Other adverse effects	
12.3.	Other adverse effects	

Effect on the global warming

: No known ecological damage caused by this product.

Potassium Hydroxide, 0.5N (0.5M) in Methanol Safety Data Sheet

Other information	: Avoid release to the environment.
SECTION 13: Disposal consideration	S
13.1. Waste treatment methods	
Waste 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	: UN2924 Flammable liquids, corrosive, n.o.s., 3, II
UN-No.(DOT)	: UN2924
Proper Shipping Name (DOT)	: Flammable liquids, corrosive, n.o.s.
Transport hazard class(es) (DOT)	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT)	: 3 - Flammable liquid
	8 - Corrosive
	3 8
Packing group (DOT)	: II - Medium Danger
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 202
OOT Packaging Bulk (49 CFR 173.xxx)	: 202
DOT Symbols	G - Identifies PSN requiring a technical name
DOT Symbols DOT Special Provisions (49 CFR 172.102)	: 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. T11 - 6 178.274(d)(2) Normal
	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. TP27 - A portable tank having a minimum test pressure of 4 bar (400 kPa) may be used provided the calculated test pressure is 4 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.
OOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Quantity Limitations Passenger aircraft/rail	
(49 CFR 173.27) DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 5L
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" or 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"
Other information	: No supplementary information available.
TDG	
No additional information available	
Transport by sea No additional information available	
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Air transport

No additional information available

SECTION 15: Regulatory information	
15.1. US Federal regulations	
Potassium Hydroxide, 0.5N (0.5M) in Methanol	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Methanol		CAS No 67-56-1	97.25%
Potassium Hydroxide (1310-58-3)			
Not listed on the United States SARA Section 31	3		
RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000 lb		
SARA Section 311/312 Hazard Classes	Immediate (acute)	health hazard	
Methanol (67-56-1)			
Listed on United States SARA Section 313			
RQ (Reportable quantity, section 304 of EPA's List of Lists)	ty, section 304 of EPA's 5000 lb		
SARA Section 311/312 Hazard Classes	Immediate (acute) Fire hazard	health hazard	

CANADA	· · · ·
Potassium Hydroxide, 0.5N (0.5M) ir	n Methanol
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effect Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects
Potassium Hydroxide (1310-58-3)	
WHMIS Classification	Class E - Corrosive Material
Methanol (67-56-1)	
Listed on the Canadian DSL (Domestic	c Substances List)
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects

EU-Regulations

No additional information available

National regulations

Methanol (67-56-1)	
Listed on the Canadian IDL (Ingredient Disclosure List)	

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 significance risk level (NSRL)
No	Yes	No	No	23000 µg/day

SECTION 16: Other information	ation	
Indication of changes	: Revision - See : *.	
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Revision date : 08/05/2015 Other information : None.

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation) Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Flam. Liq. 2	Flammable liquids Category 2
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Corr. 1B	Skin corrosion/irritation Category 1B
STOT SE 1	Specific target organ toxicity (single exposure) Category 1
H225	Highly flammable liquid and vapor
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H331	Toxic if inhaled
H370	Causes damage to organs

NFPA health hazard	: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
NFPA fire hazard	: 3 - Liquids and solids that can be ignited under almost all ambient conditions.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given
Flammability	: 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC)
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
Personal Protection	: H
	H - Splash goggles, Gloves, Synthetic apron, Vapor respirator
SDS US (GHS HazCom 2012)	

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