

# SAFETY DATA SHEET

Multicomponent Alcohol Calibration Kit, Part Number G3440-85035

## Section 1. Identification

### 1.1 Product identifier

<b>Product name</b>	: Multicomponent Alcohol Calibration Kit, Part Number G3440-85035	
<b>Part no. (chemical kit)</b>	: G3440-85035	
<b>Part no.</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	G3440-85035-1
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	G3440-85035-2
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	G3440-85035-3
<b>Validation date</b>	: 7/19/2018	

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

<b>Material uses</b>	: Reagents and Standards for Analytical Chemistry Laboratory Use	
	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	1.2 ml
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	1.2 ml
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	1.2 ml

### 1.3 Details of the supplier of the safety data sheet

<b>Supplier/Manufacturer</b>	: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770
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### 1.4 Emergency telephone number

<b>In case of emergency</b>	: CHEMTREC®: 1-800-424-9300
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## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture


<b>OSHA/HCS status</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Classification of the substance or mixture

<b>Alcohol Calibration Standard Mix # 3 (4000 ug/mL)</b>	H360	TOXIC TO REPRODUCTION (Unborn child) - Category 1B
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## Section 2. Hazards identification

### 2.2 GHS label elements

<b>Hazard pictograms</b>	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	
<b>Signal word</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL) Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	No signal word. No signal word. Danger
<b>Hazard statements</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL) Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	No known significant effects or critical hazards. No known significant effects or critical hazards. H360 - May damage the unborn child.
<b>Precautionary statements</b>		
<b>Prevention</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL) Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Not applicable. Not applicable. P201 - Obtain special instructions before use.  P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear protective gloves. Wear eye or face protection. Wear protective clothing.
<b>Response</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL) Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Not applicable. Not applicable. P308 + P313 - IF exposed or concerned: Get medical attention.
<b>Storage</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL) Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Not applicable. Not applicable. P405 - Store locked up.
<b>Disposal</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL) Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Not applicable. Not applicable. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Supplemental label elements</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL) Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	None known. None known. None known.

### 2.3 Other hazards

## Section 2. Hazards identification

**Hazards not otherwise classified**

- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) None known.
- : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) None known.
- : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) None known.

## Section 3. Composition/information on ingredients

**Substance/mixture**

- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) Mixture
- : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Mixture
- : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Mixture

Ingredient name	%	CAS number
Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Methanol	<1	67-56-1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### 4.1 Description of necessary first aid measures

**Eye contact**

- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

**Inhalation**

- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately.

## Section 4. First aid measures

		Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Skin contact</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Ingestion</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### 4.2 Most important symptoms/effects, acute and delayed

#### Potential acute health effects

<b>Eye contact</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	No known significant effects or critical hazards.
	Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	No known significant effects or critical hazards.
	Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	No known significant effects or critical hazards.

## Section 4. First aid measures

- Inhalation** : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No known significant effects or critical hazards.  
 Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No known significant effects or critical hazards.  
 Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No known significant effects or critical hazards.
- Skin contact** : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No known significant effects or critical hazards.  
 Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No known significant effects or critical hazards.  
 Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No known significant effects or critical hazards.
- Ingestion** : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No known significant effects or critical hazards.  
 Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No known significant effects or critical hazards.  
 Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No known significant effects or critical hazards.

### Over-exposure signs/symptoms

- Eye contact** : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No specific data.  
 Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No specific data.  
 Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No specific data.
- Inhalation** : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No specific data.  
 Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No specific data.  
 Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Adverse symptoms may include the following:  
 reduced fetal weight  
 increase in fetal deaths  
 skeletal malformations
- Skin contact** : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No specific data.  
 Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No specific data.  
 Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Adverse symptoms may include the following:  
 reduced fetal weight  
 increase in fetal deaths  
 skeletal malformations
- Ingestion** : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No specific data.  
 Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No specific data.  
 Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Adverse symptoms may include the following:  
 reduced fetal weight  
 increase in fetal deaths  
 skeletal malformations

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

## Section 4. First aid measures

<b>Notes to physician</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	No specific treatment.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	No specific treatment.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	No specific treatment.
<b>Protection of first-aiders</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	No action shall be taken involving any personal risk or without suitable training.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	No action shall be taken involving any personal risk or without suitable training.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	Use an extinguishing agent suitable for the surrounding fire.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	Use an extinguishing agent suitable for the surrounding fire.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	None known.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	None known.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	None known.

### 5.2 Special hazards arising from the substance or mixture

<b>Specific hazards arising from the chemical</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	In a fire or if heated, a pressure increase will occur and the container may burst.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	In a fire or if heated, a pressure increase will occur and the container may burst.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	In a fire or if heated, a pressure increase will occur and the container may burst.

## Section 5. Fire-fighting measures

<b>Hazardous thermal decomposition products</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	No specific data.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	No specific data.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	No specific data.

### 5.3 Advice for firefighters

<b>Special protective actions for fire-fighters</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
<b>Special protective equipment for fire-fighters</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

## Section 6. Accidental release measures

<b>For emergency responders</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
<b>6.2 Environmental precautions</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
<b>6.3 Methods and materials for containment and cleaning up</b>		
<b>Methods for cleaning up</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.



## Section 7. Handling and storage

### 7.1 Precautions for safe handling

<b>Protective measures</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	Put on appropriate personal protective equipment (see Section 8).
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	Put on appropriate personal protective equipment (see Section 8).
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
<b>Advice on general occupational hygiene</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	: <input checked="" type="checkbox"/> Alcohol Calibration Standard Mix # 1 (500 ug/mL)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed.

## Section 7. Handling and storage

Alcohol Calibration Standard Mix #  
3 (4000 ug/mL)

until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

#### Recommendations

- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) Industrial applications, Professional applications.
- : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Industrial applications, Professional applications.
- : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Industrial applications, Professional applications.

#### Industrial sector specific solutions

- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) Not applicable.
- : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Not applicable.
- : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Not applicable.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
<p><b>Alcohol Calibration Standard Mix # 3 (4000 ug/mL)</b> Methanol</p>	<p><b>ACGIH TLV (United States, 3/2017).</b> <b>Absorbed through skin.</b> TWA: 200 ppm 8 hours. TWA: 262 mg/m<sup>3</sup> 8 hours. STEL: 250 ppm 15 minutes. STEL: 328 mg/m<sup>3</sup> 15 minutes. <b>OSHA PEL 1989 (United States, 3/1989).</b> <b>Absorbed through skin.</b> TWA: 200 ppm 8 hours. TWA: 260 mg/m<sup>3</sup> 8 hours. STEL: 250 ppm 15 minutes. STEL: 325 mg/m<sup>3</sup> 15 minutes. <b>NIOSH REL (United States, 10/2016).</b> <b>Absorbed through skin.</b> TWA: 200 ppm 10 hours. TWA: 260 mg/m<sup>3</sup> 10 hours. STEL: 250 ppm 15 minutes. STEL: 325 mg/m<sup>3</sup> 15 minutes.</p>

## Section 8. Exposure controls/personal protection

### OSHA PEL (United States, 6/2016).

TWA: 200 ppm 8 hours.

TWA: 260 mg/m<sup>3</sup> 8 hours.

### 8.2 Exposure controls

**Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state** : Alcohol Calibration Standard Mix # Liquid. [Clear.]  
1 (500 ug/mL)  
Alcohol Calibration Standard Mix # Liquid. [Clear.]  
2 (1000 ug/mL)  
Alcohol Calibration Standard Mix # Liquid. [Clear.]  
3 (4000 ug/mL)

## Section 9. Physical and chemical properties

<b>Color</b>	: Alcohol Calibration Standard Mix # Colorless. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Colorless. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Colorless. 3 (4000 ug/mL)
<b>Odor</b>	: Alcohol Calibration Standard Mix # Sweetish. / Ethereal. / Unpleasant. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Sweetish. / Ethereal. / Unpleasant. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Sweetish. / Ethereal. / Unpleasant. 3 (4000 ug/mL)
<b>Odor threshold</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)
<b>pH</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)
<b>Melting point</b>	: Alcohol Calibration Standard Mix # 0°C (32°F) 1 (500 ug/mL) Alcohol Calibration Standard Mix # 0°C (32°F) 2 (1000 ug/mL) Alcohol Calibration Standard Mix # 0°C (32°F) 3 (4000 ug/mL)
<b>Boiling point</b>	: Alcohol Calibration Standard Mix # 100°C (212°F) 1 (500 ug/mL) Alcohol Calibration Standard Mix # 100°C (212°F) 2 (1000 ug/mL) Alcohol Calibration Standard Mix # 100°C (212°F) 3 (4000 ug/mL)
<b>Flash point</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)
<b>Evaporation rate</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)
<b>Flammability (solid, gas)</b>	: Alcohol Calibration Standard Mix # Not applicable. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not applicable. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not applicable. 3 (4000 ug/mL)

## Section 9. Physical and chemical properties

<b>Lower and upper explosive (flammable) limits</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)
<b>Vapor pressure</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)
<b>Vapor density</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)
<b>Relative density</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)
<b>Solubility</b>	: Alcohol Calibration Standard Mix # Easily soluble in the following materials: cold water and hot water. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Easily soluble in the following materials: cold water and hot water. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Easily soluble in the following materials: cold water and hot water. 3 (4000 ug/mL)
<b>Partition coefficient: n-octanol/water</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)
<b>Auto-ignition temperature</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)
<b>Decomposition temperature</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)
<b>Viscosity</b>	: Alcohol Calibration Standard Mix # Not available. 1 (500 ug/mL) Alcohol Calibration Standard Mix # Not available. 2 (1000 ug/mL) Alcohol Calibration Standard Mix # Not available. 3 (4000 ug/mL)

## Section 10. Stability and reactivity

- 10.1 Reactivity**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No specific test data related to reactivity available for this product or its ingredients.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No specific test data related to reactivity available for this product or its ingredients.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) The product is stable.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) The product is stable.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) The product is stable.
- 10.3 Possibility of hazardous reactions**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) Under normal conditions of storage and use, hazardous reactions will not occur.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Under normal conditions of storage and use, hazardous reactions will not occur.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No specific data.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No specific data.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No specific data.
- 10.5 Incompatible materials**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) May react or be incompatible with oxidizing materials.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) May react or be incompatible with oxidizing materials.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) May react or be incompatible with oxidizing materials.
- 10.6 Hazardous decomposition products**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) Under normal conditions of storage and use, hazardous decomposition products should not be produced.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Under normal conditions of storage and use, hazardous decomposition products should not be produced.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

## Section 11. Toxicological information

Product/ingredient name	Result	Species	Dose	Exposure
Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Methanol	LC50 Inhalation Vapor	Rat	145000 ppm	1 hours
	LC50 Inhalation Vapor	Rat	64000 ppm	4 hours
	LD50 Dermal	Rabbit	15800 mg/kg	-
	LD50 Oral	Rat	5600 mg/kg	-

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Methanol	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	40 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20 milligrams	-

### Sensitization

Not available.

### Mutagenicity

**Conclusion/Summary** : Not available.

### Carcinogenicity

**Conclusion/Summary** : Not available.

### Reproductive toxicity

**Conclusion/Summary** : Not available.

### Teratogenicity

**Conclusion/Summary** : Not available.

### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Methanol	Category 1	Not determined	central nervous system (CNS) and optic nerve
	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Alcohol Calibration Standard Mix # 1 (500 ug/mL) Routes of entry anticipated: Oral, Dermal, Inhalation.  
Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Routes of entry anticipated: Oral, Dermal, Inhalation.  
Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Routes of entry anticipated: Oral, Dermal, Inhalation.

## Section 11. Toxicological information

### Potential acute health effects

- Eye contact**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No known significant effects or critical hazards.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No known significant effects or critical hazards.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No known significant effects or critical hazards.
- Inhalation**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No known significant effects or critical hazards.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No known significant effects or critical hazards.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No known significant effects or critical hazards.
- Skin contact**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No known significant effects or critical hazards.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No known significant effects or critical hazards.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No known significant effects or critical hazards.
- Ingestion**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No known significant effects or critical hazards.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No known significant effects or critical hazards.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No specific data.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No specific data.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No specific data.
- Inhalation**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No specific data.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No specific data.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Adverse symptoms may include the following:
    - reduced fetal weight
    - increase in fetal deaths
    - skeletal malformations
- Skin contact**
- : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No specific data.
  - : Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No specific data.
  - : Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Adverse symptoms may include the following:
    - reduced fetal weight
    - increase in fetal deaths
    - skeletal malformations



## Section 11. Toxicological information

<b>Ingestion</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	No specific data.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	No specific data.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	Adverse symptoms may include the following:
		reduced fetal weight increase in fetal deaths skeletal malformations

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

#### Long term exposure

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

#### Potential chronic health effects

<b>General</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	No known significant effects or critical hazards.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	No known significant effects or critical hazards.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	No known significant effects or critical hazards.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	No known significant effects or critical hazards.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	No known significant effects or critical hazards.
<b>Mutagenicity</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	No known significant effects or critical hazards.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	No known significant effects or critical hazards.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	No known significant effects or critical hazards.
<b>Teratogenicity</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	No known significant effects or critical hazards.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	No known significant effects or critical hazards.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	May damage the unborn child.
<b>Developmental effects</b>	: Alcohol Calibration Standard Mix # 1 (500 ug/mL)	No known significant effects or critical hazards.
	: Alcohol Calibration Standard Mix # 2 (1000 ug/mL)	No known significant effects or critical hazards.
	: Alcohol Calibration Standard Mix # 3 (4000 ug/mL)	No known significant effects or critical hazards.

## Section 11. Toxicological information

**Fertility effects** : Alcohol Calibration Standard Mix # 1 (500 ug/mL) No known significant effects or critical hazards.  
 Alcohol Calibration Standard Mix # 2 (1000 ug/mL) No known significant effects or critical hazards.  
 Alcohol Calibration Standard Mix # 3 (4000 ug/mL) No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Methanol	Acute LC50 2500000 µg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours
	Acute LC50 3289 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 290 mg/l Fresh water	Fish - Danio rerio - Egg	96 hours
	Chronic NOEC 9.96 mg/l Marine water	Algae - Ulva pertusa	96 hours

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Methanol	-0.77	<10	low

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**12.5 Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

### 13.1 Waste treatment methods

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## Section 14. Transport information

**DOT / TDG / Mexico / IMDG / IATA** : Not regulated.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL and the IBC Code** : Not available.

## Section 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**U.S. Federal regulations** : TSCA 8(a) CDR Exempt/Partial exemption: Not determined

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

**SARA 302/304**

## Section 15. Regulatory information

### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

### SARA 311/312

**Classification** :  Alcohol Calibration Standard Mix # Not applicable.  
 1 (500 ug/mL)  
 Alcohol Calibration Standard Mix # Not applicable.  
 2 (1000 ug/mL)  
 Alcohol Calibration Standard Mix # TOXIC TO REPRODUCTION (Unborn child) - Category 1B  
 3 (4000 ug/mL)

### Composition/information on ingredients

Name	%	Classification
<input checked="" type="checkbox"/> Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Methanol	<1	FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 3 ACUTE TOXICITY (dermal) - Category 3 ACUTE TOXICITY (inhalation) - Category 3 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A TOXIC TO REPRODUCTION (Unborn child) - Category 1B SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (central nervous system (CNS), optic nerve) - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

### State regulations


**Massachusetts** : None of the components are listed.

**New York** : None of the components are listed.

**New Jersey** : None of the components are listed.

**Pennsylvania** : None of the components are listed.

### California Prop. 65

 **WARNING:** This product can expose you to Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Ingredient name	No significant risk level	Maximum acceptable dosage level
<input checked="" type="checkbox"/> Alcohol Calibration Standard Mix # 1 (500 ug/mL) Methanol	-	Yes.
Alcohol Calibration Standard Mix # 2 (1000 ug/mL) Methanol	-	Yes.
Alcohol Calibration Standard Mix # 3 (4000 ug/mL) Methanol	-	Yes.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

## Section 15. Regulatory information

### Stockholm Convention on Persistent Organic Pollutants

Not listed.

### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

<b>Australia</b>	: All components are listed or exempted.
<b>Canada</b>	: All components are listed or exempted.
<b>China</b>	: All components are listed or exempted.
<b>Europe</b>	: All components are listed or exempted.
<b>Japan</b>	: <b>Japan inventory (ENCS)</b> : All components are listed or exempted. <b>Japan inventory (ISHL)</b> : All components are listed or exempted.
<b>Malaysia</b>	: All components are listed or exempted.
<b>New Zealand</b>	: All components are listed or exempted.
<b>Philippines</b>	: All components are listed or exempted.
<b>Republic of Korea</b>	: All components are listed or exempted.
<b>Taiwan</b>	: All components are listed or exempted.
<b>Thailand</b>	: <input type="checkbox"/> Not determined.
<b>Turkey</b>	: <input checked="" type="checkbox"/> All components are listed or exempted.
<b>United States</b>	: All components are listed or exempted.
<b>Viet Nam</b>	: <input type="checkbox"/> Not determined.

## Section 16. Other information

### History

<b>Date of issue</b>	: 07/19/2018
<b>Date of previous issue</b>	: 07/28/2016
<b>Version</b>	: 4

### Procedure used to derive the classification

Classification	Justification
<input checked="" type="checkbox"/> Alcohol Calibration Standard Mix # 3 (4000 ug/mL) TOXIC TO REPRODUCTION (Unborn child) - Category 1B	Calculation method

Indicates information that has changed from previously issued version.

### Notice to reader

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