

**OG-1xx, OG-2xx, OG-3xx, OG-500, OG-510, OG-575  
Small Volume Safety Data Sheet  
And  
OG-1xx, OG-2xx, OG-3xx, OG-500, OG-510, OG-575  
Material Safety Data Sheet**

**Guidance Statement**

The MSDS portion of this PDF has been prepared based on large volumes of chemistry. Adaptations have been made in the SVSDS portion to more accurately represent the small volume of chemistry in the kits.



# Small Volume Safety Data Sheet

OG-1xx, OG-2xx, OG-3xx, OG-500, OG-510, OG-575

## 1. Product and company identification

<b>Product name</b>	: OG-1xx, OG-2xx, OG-3xx, OG-500, OG-510, OG-575
<b>SVSDS #</b>	: PD-SVSDS-00004
<b>Material uses</b>	: Stabilization of DNA in collection kit.
<b>Supplier/Manufacturer</b>	: DNA Genotek Inc Ottawa, ON, Canada, K2K 1L1 Tel: +1-613-723-5757 Fax: +1-613-723-5057 Toll Free: +1-866-813-6354 (North America) Toll Free: +1-613-723-5757 (all other countries) Email: support@dnagenotek.com Web site: www.dnagenotek.com
<b>MSDS authored by</b>	: KMK Regulatory Services inc.
<b><u>In case of emergency</u></b>	: For Emergencies involving dangerous goods call Canutec's 24-hour number 613-996-6666
<b>Product type</b>	: Liquid.

This document provides safety information for the small volumes of stabilizing solution that are present in each DNA Genotek product, and should be used in conjunction with PD-MSDS-00004 when the substance is in bulk.

## 2. Hazards identification

<b>Physical state</b>	: Liquid.
<b>Signal word</b>	: WARNING!
<b>Hazard statements</b>	: FLAMMABLE LIQUID AND VAPOR. MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.
<b>Precautions</b>	: Follow good industrial hygiene practice. Wash thoroughly after handling.
<b>OSHA/HCS status</b>	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b><u>Potential acute health effects</u></b>	
<b>Inhalation</b>	: May cause respiratory tract irritation.
<b>Ingestion</b>	: No known significant effects or critical hazards.
<b>Skin</b>	: May cause skin irritation.
<b>Eyes</b>	: May cause eye irritation.
<b><u>Potential chronic health effects</u></b>	
<b>Chronic effects</b>	: No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Teratogenicity</b>	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
<b>Fertility effects</b>	: No known significant effects or critical hazards.
<b><u>Target organs</u></b>	: No known significant effects or critical hazards.

## 2. Hazards identification

### Over-exposure signs/symptoms

- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation
- Ingestion** : No specific data.
- Skin** : Adverse symptoms may include the following:  
irritation
- Eyes** : Adverse symptoms may include the following:  
irritation
- Medical conditions aggravated by over-exposure** : There is no known effect after over-exposure to this product.

See toxicological information (section 11)

## 3. Composition/information on ingredients

Refer to PD-MSDS-00004.

## 4. First aid measures

- Eye contact** : Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.
- Skin contact** : Wash with soap and water. Get medical attention if symptoms occur.
- Inhalation** : Supply fresh air. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Get medical attention if symptoms occur.
- Notes to physician** : No specific treatment.

## 5. Fire-fighting measures

**Flammability of the product** : Flammable liquid.

### Extinguishing media

- Suitable** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Not suitable** : Do not use water jet.
- Special exposure hazards** : No specific hazard.
- Hazardous decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides
- Special protective equipment for fire-fighters** : No special protection is required.

## 6. Accidental release measures

- Personal precautions** : No special precaution is required.
- Environmental precautions** : No special measures required.
- Methods for cleaning up**
- Small spill** : No special measures required.

## 7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (see section 8). Use only with adequate ventilation. Keep away from heat, sparks and flame.
- Storage** : Store in accordance with local regulations. Store at room temperature. Store away from direct sunlight.

## 8. Exposure controls/personal protection

### United States

Ingredient	Exposure limits
Ethyl Alcohol	<b>ACGIH TLV (United States, 1/2009).</b> STEL: 1000 ppm 15 minute(s). <b>NIOSH REL (United States, 6/2009).</b> TWA: 1900 mg/m <sup>3</sup> 10 hour(s). TWA: 1000 ppm 10 hour(s). <b>OSHA PEL (United States, 11/2006).</b> TWA: 1900 mg/m <sup>3</sup> 8 hour(s). TWA: 1000 ppm 8 hour(s).

### Canada

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			Notations
Ingredient	List name	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	
Ethyl Alcohol	US ACGIH 1/2009	-	-	-	1000	-	-	-	-	-	
	AB 4/2009	1000	1880	-	-	-	-	-	-	-	
	BC 9/2009	-	-	-	1000	-	-	-	-	-	
	ON 8/2008	1000	1900	-	-	-	-	-	-	-	
	QC 6/2008	1000	1880	-	-	-	-	-	-	-	

### Mexico

Ingredient	Exposure limits
Ethyl Alcohol	<b>NOM-010-STPS (Mexico, 9/2000).</b> LMPE-PPT: 1900 mg/m <sup>3</sup> 8 hour(s). LMPE-PPT: 1000 ppm 8 hour(s).

Consult local authorities for acceptable exposure limits.

- Recommended monitoring procedures** : Not required.
- Engineering measures** : No special measures required.
- Hygiene measures** : Follow good industrial hygiene practice.
- Personal protection**
- Respiratory** : Not required.
- Hands** : Not required under normal conditions of use. Recommended: Disposable vinyl gloves.
- Eyes** : Not required under normal conditions of use. Recommended: Safety glasses.
- Skin** : Not required.
- Environmental exposure controls** : None.

## 9 . Physical and chemical properties

Refer to PD-MSDS-00004.

## 10. Stability and reactivity

Refer to PD-MSDS-00004.

## 11. Toxicological information

Refer to PD-MSDS-00004.

## 12. Ecological information

Refer to PD-MSDS-00004.

## 13. Disposal considerations

**Waste disposal** : The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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

## 14 . Transport information

**DOT/TDG/MXT/IMDG/IATA** : Not regulated.  
Not restricted, Special Provision A58

## 15 . Regulatory information

Refer to PD-MSDS-00004.

## 16 . Other information

Refer to PD-MSDS-00004.



# Material Safety Data Sheet

OG-1xx, OG-2xx, OG-3xx, OG-500, OG-510, OG-575

## 1. Product and company identification

<b>Product name</b>	: OG-1xx, OG-2xx, OG-3xx, OG-500, OG-510, OG-575
<b>Material uses</b>	: Stabilization of DNA in collection kit.
<b>Supplier/Manufacturer</b>	: DNA Genotek Inc Ottawa, ON, Canada, K2K 1L1 Tel: +1-613-723-5757 Fax: +1-613-723-5057 Toll Free: +1-866-813-6354 (North America) Toll Free: +1-613-723-5757 (all other countries) Email: support@dnagenotek.com Web site: www.dnagenotek.com
<b>MSDS authored by</b>	: KMK Regulatory Services inc.
<b><u>In case of emergency</u></b>	: For Emergencies involving dangerous goods call Canutec's 24-hour number 613-996-6666
<b>Product type</b>	: Liquid.

## 2. Hazards identification

<b>Physical state</b>	: Liquid.
<b>Signal word</b>	: WARNING!
<b>Hazard statements</b>	: FLAMMABLE LIQUID AND VAPOR. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.
<b>Precautions</b>	: Keep away from heat, sparks and flame. Do not breathe vapor or mist. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.
<b>OSHA/HCS status</b>	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b><u>Potential acute health effects</u></b>	
<b>Inhalation</b>	: Irritating to respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
<b>Ingestion</b>	: No known significant effects or critical hazards.
<b>Skin</b>	: May cause skin irritation.
<b>Eyes</b>	: May cause eye irritation.
<b><u>Potential chronic health effects</u></b>	
<b>Chronic effects</b>	: Contains material that may cause target organ damage, based on animal data.
<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Teratogenicity</b>	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
<b>Fertility effects</b>	: No known significant effects or critical hazards.

## 2. Hazards identification

**Target organs** : Contains material which may cause damage to the following organs: blood, the reproductive system, liver, upper respiratory tract, skin, eyes, central nervous system (CNS).

### Over-exposure signs/symptoms

**Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing

**Ingestion** : No specific data.

**Skin** : Adverse symptoms may include the following:  
irritation

**Eyes** : Adverse symptoms may include the following:  
irritation

**Medical conditions aggravated by over-exposure** : Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

See toxicological information (section 11)

## 3. Composition/information on ingredients

### United States

Name	CAS number	%
Ethyl Alcohol 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-	64-17-5 77-86-1	10 - 30 1 - 5

### Canada

Name	CAS number	%
Ethyl Alcohol 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-	64-17-5 77-86-1	10 - 30 1 - 5

### Mexico

Name	CAS number	UN number	%	IDLH	Classification			
					H	F	R	Special
Ethyl Alcohol 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-	64-17-5 77-86-1	UN1170 Not regulated.	10 - 30 1 - 5	3300 ppm -	1 1	3 1	0 0	

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.

## 4. First aid measures

**Eye contact** : Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.

**Skin contact** : In case of contact, immediately flush skin with plenty of water for at least 20 minutes. Get medical attention if symptoms occur.

**Inhalation** : Move exposed person to fresh air. Get medical attention if symptoms occur.

**Ingestion** : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

## 4 . First aid measures

Notes to physician : No specific treatment.

## 5. Fire-fighting measures

Flammability of the product : Flammable liquid.

### Extinguishing media

- Suitable** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Not suitable** : Do not use water jet.
- Special exposure hazards** : Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Hazardous decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental release measures

- Personal precautions** : Shut off all ignition sources. No flares, smoking or flames in hazard area. Provide adequate ventilation. Put on appropriate personal protective equipment (see section 8).
- Environmental precautions** : 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).

### Methods for cleaning up

- Small spill** : Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.
- Large spill** : Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

## 7 . Handling and storage

- Handling** : Put on appropriate personal protective equipment (see section 8). 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. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Keep away from heat, sparks and flame.
- Storage** : Store in accordance with local regulations. Store at room temperature. Store away from direct sunlight.

## 8. Exposure controls/personal protection

### United States

Ingredient	Exposure limits
Ethyl Alcohol	<p><b>ACGIH TLV (United States, 1/2009).</b>                      STEL: 1000 ppm 15 minute(s).</p> <p><b>NIOSH REL (United States, 6/2009).</b>                      TWA: 1900 mg/m<sup>3</sup> 10 hour(s).                      TWA: 1000 ppm 10 hour(s).</p> <p><b>OSHA PEL (United States, 11/2006).</b>                      TWA: 1900 mg/m<sup>3</sup> 8 hour(s).                      TWA: 1000 ppm 8 hour(s).</p>

### Canada

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			
Ingredient	List name	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	Notations
Ethyl Alcohol	US ACGIH 1/2009	-	-	-	1000	-	-	-	-	-	
	AB 4/2009	1000	1880	-	-	-	-	-	-	-	
	BC 9/2009	-	-	-	1000	-	-	-	-	-	
	ON 8/2008	1000	1900	-	-	-	-	-	-	-	
	QC 6/2008	1000	1880	-	-	-	-	-	-	-	

### Mexico

Ingredient	Exposure limits
Ethyl Alcohol	<p><b>NOM-010-STPS (Mexico, 9/2000).</b>                      LMPE-PPT: 1900 mg/m<sup>3</sup> 8 hour(s).                      LMPE-PPT: 1000 ppm 8 hour(s).</p>

Consult local authorities for acceptable exposure limits.

- Recommended monitoring procedures** : Personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
- Engineering measures** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Use explosion-proof ventilation equipment.
- Hygiene measures** : Ensure that eyewash stations and safety showers are close to the workstation location. 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.
- Personal protection**
- Respiratory** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Not required under normal conditions of use. Recommended: Wear an appropriate NIOSH approved respirator if concentration levels exceed the safe exposure limits.
- Hands** : Use gloves appropriate for work or task being performed. Not required under normal conditions of use. Recommended: Natural rubber (latex).
- Eyes** : Safety eyewear should be used when there is a likelihood of exposure. Not required under normal conditions of use. Recommended: Safety glasses with side shields.
- Skin** : 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. No special protective clothing is required. Recommended: Lab coat.
- Environmental exposure controls** : None.

## 9. Physical and chemical properties

Physical state	: Liquid.
Flash point	: Closed cup: 29°C (84.2°F) [Pensky-Martens.]
pH	: 9.5
VOC	: 29.7 % (w/w)

## 10. Stability and reactivity

Chemical stability	: The product is stable.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame).
Materials to avoid	: Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Hazardous polymerization	: Under normal conditions of storage and use, hazardous polymerization will not occur.

## 11. Toxicological information

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Ethyl Alcohol	LC50 Inhalation Vapor LD50 Oral	Rat Rat	124700 mg/m3 7 g/kg	4 hours -
1,3-Propanediol, 2-amino-2-(hydroxymethyl)-	LD50 Oral	Rat	>3000 mg/kg	-

### Chronic toxicity

#### Classification

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
Ethyl Alcohol	A4	-	-	-	-	-

## 12. Ecological information

Environmental effects : Not established

### Aquatic ecotoxicity

Product/ingredient name	Result	Species	Exposure
Ethyl Alcohol	Acute EC50 2000 ug/L Fresh water Acute LC50 25500 ug/L Marine water	Daphnia - Daphnia magna Crustaceans - Artemia franchiscana - LARVAE	48 hours 48 hours
	Acute LC50 42000 ug/L Fresh water Chronic NOEC <6.3 g/L Fresh water	Fish - Oncorhynchus mykiss Daphnia - Daphnia magna	4 days 48 hours






## 13. Disposal considerations

**Waste disposal** : The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Empty containers or liners may retain some product residues. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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

## 14. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
<b>DOT Classification</b>	Not regulated.	FLAMMABLE LIQUIDS, N.O.S. (Ethyl Alcohol)	3	II		-
<b>TDG Classification</b>	UN1993	FLAMMABLE LIQUIDS, N.O.S. (Ethyl Alcohol)	3	II		-
<b>Mexico Classification</b>	UN1993	FLAMMABLE LIQUIDS, N.O.S. (Ethyl Alcohol)	3	II		-
<b>IMDG Class</b>	UN1993	FLAMMABLE LIQUIDS, N.O.S. (Ethyl Alcohol)	3	II		-
<b>IATA-DGR Class</b>	UN1993	FLAMMABLE LIQUIDS, N.O.S. (Ethyl Alcohol)	3	II		-

PG\* : Packing group

Exemption to the above classification may apply.

**AERG** : 128

## 15. Regulatory information

### United States

**HCS Classification** : Flammable liquid  
Irritating material  
Target organ effects

**U.S. Federal regulations** : **United States inventory (TSCA 8b)**: All components are listed or exempted.

**SARA 302/304/311/312 extremely hazardous substances**: No products were found.

**SARA 302/304 emergency planning and notification**: No products were found.

**SARA 302/304/311/312 hazardous chemicals**: Ethyl Alcohol; Acetic acid, sodium salt, trihydrate

**SARA 311/312 MSDS distribution - chemical inventory - hazard identification**: Ethyl Alcohol: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard; Acetic acid, sodium salt, trihydrate: Delayed (chronic) health hazard

**Clean Water Act (CWA) 307**: No products were found.

**Clean Water Act (CWA) 311**: No products were found.

**Clean Air Act (CAA) 112 accidental release prevention**: No products were found.

## 15 . Regulatory information

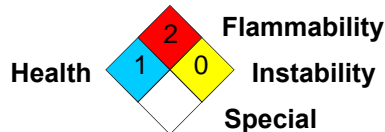
	<b>Clean Air Act (CAA) 112 regulated flammable substances:</b> No products were found.
	<b>Clean Air Act (CAA) 112 regulated toxic substances:</b> No products were found.
<b>Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)</b>	: Not listed
<b>Clean Air Act Section 602 Class I Substances</b>	: Not listed
<b>Clean Air Act Section 602 Class II Substances</b>	: Not listed
<b>DEA List I Chemicals (Precursor Chemicals)</b>	: Not listed
<b>DEA List II Chemicals (Essential Chemicals)</b>	: Not listed
<b>State regulations</b>	: <ul style="list-style-type: none"> <li><b>Connecticut Carcinogen Reporting:</b> None of the components are listed.</li> <li><b>Connecticut Hazardous Material Survey:</b> None of the components are listed.</li> <li><b>Florida substances:</b> None of the components are listed.</li> <li><b>Illinois Chemical Safety Act:</b> None of the components are listed.</li> <li><b>Illinois Toxic Substances Disclosure to Employee Act:</b> None of the components are listed.</li> <li><b>Louisiana Reporting:</b> None of the components are listed.</li> <li><b>Louisiana Spill:</b> None of the components are listed.</li> <li><b>Massachusetts Spill:</b> None of the components are listed.</li> <li><b>Massachusetts Substances:</b> The following components are listed: Ethyl Alcohol</li> <li><b>Michigan Critical Material:</b> None of the components are listed.</li> <li><b>Minnesota Hazardous Substances:</b> None of the components are listed.</li> <li><b>New Jersey Hazardous Substances:</b> The following components are listed: Ethyl Alcohol</li> <li><b>New Jersey Spill:</b> None of the components are listed.</li> <li><b>New Jersey Toxic Catastrophe Prevention Act:</b> None of the components are listed.</li> <li><b>New York Acutely Hazardous Substances:</b> None of the components are listed.</li> <li><b>New York Toxic Chemical Release Reporting:</b> None of the components are listed.</li> <li><b>Pennsylvania RTK Hazardous Substances:</b> The following components are listed: Ethyl Alcohol</li> <li><b>Rhode Island Hazardous Substances:</b> None of the components are listed.</li> </ul>
<b>Canada</b>	
<b>WHMIS (Canada)</b>	: Class B-2: Flammable liquid Class D-2B: Material causing other toxic effects (Toxic).
<b>Canadian lists</b>	: <b>CEPA Toxic substances:</b> None of the components are listed. <b>Canadian ARET:</b> None of the components are listed. <b>Canadian NPRI:</b> The following components are listed: Ethyl Alcohol <b>Alberta Designated Substances:</b> None of the components are listed. <b>Ontario Designated Substances:</b> None of the components are listed. <b>Quebec Designated Substances:</b> None of the components are listed.
<b>Canada inventory</b>	: All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

### Mexico

## 15 . Regulatory information

Classification :



### International regulations

**International lists** :

- Australia inventory (AICS):** Not determined.
- China inventory (IECSC):** All components are listed or exempted.
- Japan inventory:** Not determined.
- Korea inventory:** Not determined.
- New Zealand Inventory of Chemicals (NZIoC):** All components are listed or exempted.
- Philippines inventory (PICCS):** Not determined.

## 16 . Other information

### United States

**Hazardous Material Information System (U.S.A.)** : Health : 1 \* Flammability : 2 Physical hazards : 0

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

**National Fire Protection Association (U.S.A.)** : Health : 1 Flammability : 2 Instability : 0

### Canada

**WHMIS (Canada)** :



**References** :

- ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. - 29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. - Canada Gazette Part II, Vol. 122, No. 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act "Ingredient Disclosure List" - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2005. - Official Mexican Standards NOM-018-STPS-2000 and NOM-004-SCT2-1994.

**Date of issue** : 06/30/2010

**Version** : 1

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.