



# MATERIAL SAFETY DATA SHEET

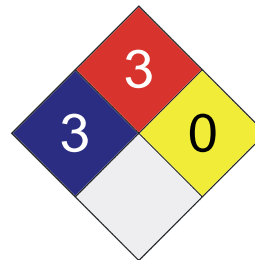
## 1. Product and Company Identification

**Product Name** Cleansweep Two  
**CAS #** Mixture  
**Product use** Cleaner  
**Manufacturer** Graffiti Solutions Canada  
 7785 Franktown Road  
 Richmond, ON K0A 2Z0 CA  
 Phone: 613-838-5842  
 Phone: 866-906-9273  
 Fax: 613-838-5843  
 613-996-6666

### CANUTEC

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	* 3
Flammability	3
Physical Hazard	0
Personal Protection	X



## 2. Hazards Identification

**Emergency overview** DANGER  
 Very toxic.  
 Flammable liquid - may release vapors that form flammable mixtures at or above the flash point.  
 Contains a potential teratogen.  
 EYE AND SKIN IRRITANT.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

**Eyes** Causes irritation.

**Skin** May cause irritation.  
 May be absorbed through the skin.

**ACGIH - Threshold Limit Values - Skin Notations**  
 Methyl alcohol 67-56-1 Skin - potential significant contribution to overall exposure by the cutaneous route

**NIOSH - Pocket Guide - Skin Notations**  
 Methyl alcohol 67-56-1 Potential for dermal absorption

**Inhalation** This product may be fatal if it is inhaled.  
 Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

**Ingestion** This product may be harmful or fatal if swallowed.  
 May cause stomach distress, nausea or vomiting.

**Target organs** Eyes. Respiratory system. Skin.

**Chronic effects** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Signs and symptoms** Symptoms are prostration, gasping, pallor, and uncoordinated movements.  
 Symptoms may include redness, edema, drying, defatting and cracking of the skin.  
 Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

## 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Methyl alcohol	67-56-1	15 - 40

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## 4. First Aid Measures

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### First aid procedures

<b>Eye contact</b>	Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.
<b>Skin contact</b>	Immediately flush with water. Wash with soap and water. Obtain medical attention if irritation persists.
<b>Inhalation</b>	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
<b>Ingestion</b>	Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

### Notes to physician

Symptoms may be delayed.

### General advice

Keep away from sources of ignition. No smoking. Avoid contact with eyes and skin. Keep out of reach of children. Immediate medical attention is required. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. If you feel unwell, seek medical advice (show the label where possible).

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## 5. Fire Fighting Measures

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### Flammable properties

Flammable by WHMIS/OSHA criteria.  
Vapors may travel to a source of ignition and flash back.  
Containers may explode when heated.

### Extinguishing media

**Suitable extinguishing media** Carbon dioxide. Water spray. Dry chemical. Foam. Water Fog.

**Unsuitable extinguishing media** Not available

### Protection of firefighters

**Specific hazards arising from the chemical** Not available

**Protective equipment for firefighters** Firefighters should wear full protective clothing including self contained breathing apparatus.

### Hazardous combustion products

May include and are not limited to: Oxides of carbon.

### Explosion data

**Sensitivity to mechanical impact** Not available

**Sensitivity to static discharge** Not available

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## 6. Accidental Release Measures

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### Personal precautions

Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

### Methods for containment

Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. Use water spray to reduce vapors or divert vapor cloud drift.

### Methods for cleaning up

Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use. Large Spills: Wet down with water and dike for later disposal. After removal flush contaminated area thoroughly with water.

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## 7. Handling and Storage

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### Handling

DANGER  
FLAMMABLE  
Very toxic. EYE AND SKIN IRRITANT.

Use good industrial hygiene practices in handling this material.  
Do not get this material in your eyes, on your skin, or on your clothing.  
When using do not eat or drink.  
Wash hands before breaks and immediately after handling the product.

### Storage

Keep out of reach of children.  
Do not store at temperatures above 120°F (49°C).  
Store in a closed container away from incompatible materials.

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## 8. Exposure Controls / Personal Protection

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### Exposure limits

Ingredient(s)	Exposure Limits
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Methyl alcohol

**ACGIH-TLV**

TWA: 200 ppm

STEL: 250 ppm

**OSHA-PEL**

TWA: 200 ppm

### Engineering controls

Provide adequate ventilation. General ventilation normally adequate.

### Personal protective equipment

**Eye / face protection**

Wear safety glasses with side shields.

**Hand protection**

Rubber gloves. Confirm with a reputable supplier first.

**Skin and body protection**

As required by employer code.

**Respiratory protection**

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

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## 9. Physical and Chemical Properties

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<b>Appearance</b>	Liquid.
<b>Color</b>	blue
<b>Form</b>	Liquid
<b>Odor</b>	Mild alcohol.
<b>Odor threshold</b>	Not available
<b>Physical state</b>	Liquid
<b>pH</b>	7.27
<b>Melting point</b>	Not available
<b>Freezing point</b>	Not available
<b>Boiling point</b>	Not available
<b>Pour point</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flash point</b>	80.60 °F (27 °C) Tag Closed Cup
<b>Auto-ignition temperature</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	Not available
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H2O)</b>	Not available
<b>VOC (Weight %)</b>	Not available
<b>Viscosity</b>	Not available
<b>Percent volatile</b>	Not available

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## 10. Stability and Reactivity

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<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Avoid high temperatures. Do not mix with other chemicals.
<b>Incompatible materials</b>	Caustics. Acids. Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

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## 11. Toxicological Information

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### Component analysis - LC50

Ingredient(s)	LC50
Methyl alcohol	83.2 mg/l/4h rat

### Component analysis - Oral LD50

Ingredient(s)	LD50
Methyl alcohol	5628 mg/kg rat; 7300 mg/kg mouse; 14200 mg/kg rabbit; 7600 mg/kg monkey

### Effects of acute exposure

<b>Eye</b>	Causes irritation.
<b>Skin</b>	May cause irritation. May be absorbed through the skin.

#### ACGIH - Threshold Limit Values - Skin Notations

Methyl alcohol	67-56-1	Skin - potential significant contribution to overall exposure by the cutaneous route
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#### NIOSH - Pocket Guide - Skin Notations

Methyl alcohol	67-56-1	Potential for dermal absorption
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**Inhalation** This product may be fatal if it is inhaled. Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

**Ingestion** This product may be harmful or fatal if swallowed. May cause stomach distress, nausea or vomiting.

**Sensitization** Non-hazardous by WHMIS/OSHA criteria.

**Chronic effects** Non-hazardous by WHMIS/OSHA criteria.

**Carcinogenicity** Non-hazardous by WHMIS/OSHA criteria.

**Mutagenicity** Non-hazardous by WHMIS/OSHA criteria.

**Reproductive effects** Non-hazardous by WHMIS/OSHA criteria.

**Teratogenicity** Methanol has produced teratogenic effects in mice exposed by inhalation to high concentrations that did not produce significant maternal toxicity.

**Synergistic Materials** Not available

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## 12. Ecological Information

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**Ecotoxicity** Components of this product have been identified as having potential environmental concerns.

#### Ecotoxicity - Freshwater Fish - Acute Toxicity Data

Methyl alcohol	67-56-1	96 Hr LC50 Pimephales promelas: 28200 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 19500 - 20700 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 18 - 20 mL/L [static]; 96 Hr LC50 Lepomis macrochirus: 13500 - 17600 mg/L [flow-through]
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**Environmental effects** Not available

**Aquatic toxicity** Not available

**Persistence / degradability** Not available

**Bioaccumulation / accumulation** Not available

**Partition coefficient** Not available

**Mobility in environmental media** Not available

**Chemical fate information** Not available

**Other adverse effects** Not available

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## 13. Disposal Considerations

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**Waste codes** Not available

**Disposal instructions** Dispose in accordance with all applicable regulations.

**Waste from residues / unused products** Not available

**Contaminated packaging** Not available

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## 14. Transport Information

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### U.S. Department of Transportation (DOT)

#### Basic shipping requirements:

Proper shipping name           Methanol, solution

Hazard class                    3 (6.1)

UN number                      UN1230

Packing group                 II

#### Additional information:

Special provisions            IB2, T7, TP2

Packaging exceptions        150

ERG number                   131



### Transportation of Dangerous Goods (TDG - Canada)

#### Basic shipping requirements:

Proper shipping name        METHANOL SOLUTION

Hazard class                 3 (6.1)

UN number                    UN1230

Packing group                II

#### Additional information:

Special provisions            43



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## 15. Regulatory Information

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### Canadian federal regulations

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.

#### Canada - WHMIS - Ingredient Disclosure List

Methyl alcohol                67-56-1                    1 %

### US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

Methyl alcohol                67-56-1                    5000 Lb final RQ; 2270 kg final RQ

#### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Methyl alcohol                67-56-1                    1.0 % de minimis concentration

**Occupational Safety and Health Administration (OSHA)**

29 CFR 1910.1200 hazardous chemical Yes

**CERCLA (Superfund) reportable quantity**

Methanol: 5000.0000  
Sodium dodecylbenzene sulfonate: 1000.0000

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - Yes  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

**Clean Air Act (CAA)** Not available

**Clean Water Act (CWA)** Not available

**WHMIS status** Controlled

**WHMIS classification** Class B - Division 2 - Flammable Liquid, Class D - Division 1B, 2A, 2B

**WHMIS labeling****State regulations**

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

**U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances**

Methyl alcohol 67-56-1 Present (refers to solutions greater than or equal to 3%)

**U.S. - Illinois - Toxic Air Contaminants**

Methyl alcohol 67-56-1 Present

**U.S. - Louisiana - Reportable Quantity List for Pollutants**

Methyl alcohol 67-56-1 5000 Lb final RQ; 2270 kg final RQ

**U.S. - Massachusetts - Right To Know List**

Methyl alcohol 67-56-1 Present

**U.S. - Minnesota - Hazardous Substance List**

Methyl alcohol 67-56-1 Skin

**U.S. - New Jersey - Right to Know Hazardous Substance List**

Methyl alcohol 67-56-1 sn 1222

**U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances**

Methyl alcohol 67-56-1 5000 Lb RQ (air); 1 lb RQ (land/water)

**U.S. - Pennsylvania - RTK (Right to Know) List**

Methyl alcohol 67-56-1 Environmental hazard

**U.S. - Rhode Island - Hazardous Substance List**

Methyl alcohol 67-56-1 Toxic; Flammable

**Inventory name**

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other Information****Disclaimer**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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<b>Prepared by</b>	Dell Tech Laboratories Ltd. (519) 858-5021
<b>Other information</b>	For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.