

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product Name** CherryAir Odor Neutralizer Gel  
**Synonym(s)** Product code: 1800M, 1800D, 1801, 1803, 1810, 1830  
**CAS #** Mixture  
**Product Use** Odour Neutralizer  
**Manufacturer** ClenAir Manufacturing Inc.  
Box 346  
Fort Washington, PA 19034 US  
Phone: 1-888-764-2110  
Emergency(24 hr) 1-800-424-9300

## 2. Hazards Identification

**Emergency Overview** CAUTION  
MAY CAUSE EYE IRRITATION.

**Potential short term health effects**

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

**Eyes** May cause irritation.

**Skin** Prolonged contact may cause irritation

**Inhalation** None expected.

**Ingestion** May cause stomach distress, nausea or vomiting.

**Target organs** Eyes.

**Chronic effects** None known.

**Signs and symptoms** May cause eye irritation.

**Potential environmental effects** See section 12.

## 3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Ethanol	64-17-5	1 - 5
1,2-Propylene glycol	57-55-6	3 - 7

## 4. First Aid Measures

**First aid procedures**

**Eye contact** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

**Skin contact** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

**Inhalation** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

**Ingestion** Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

**General advice** If you feel unwell, seek medical advice (show the label where possible). Avoid contact with eyes. Keep out of reach of children.

## 5. Fire-fighting Measures

**Flammable properties** Not flammable by WHMIS criteria.

**Extinguishing media**

**Suitable extinguishing media** Dry chemical. Alcohol foam. Carbon dioxide.

**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.

**Environmental precautions** Do not discharge into lakes, streams, ponds or public waters.

**Methods for containment** Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

**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.

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## 7. Handling and Storage

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**Handling** Use good industrial hygiene practices in handling this material. Avoid contact with eyes. Keep container tightly closed. Wash thoroughly after handling.

**Storage** Keep out of reach of children. Keep away from heat, open flames or other sources of ignition. Store in a closed container away from incompatible materials.

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## 8. Exposure Controls / Personal Protection

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**Exposure limit values**

Ingredient(s)	Exposure limit values
1,2-Propylene glycol	<b>ACGIH-TLV</b> Not established

Ethanol	<b>ACGIH-TLV</b> TWA: 1000 ppm STEL: 1000 ppm
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**Engineering controls** General ventilation normally adequate.

**Personal protective equipment**

**Eye/Face protection** Not normally required when used as directed.

**Hand protection** Not normally required when used as directed.

**Skin and body protection** As required by employer code.

**Respiratory protection** Not normally required.

**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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**Appearance** Semi-solid

**Colour** White

**Form** Gel

**Odour** Pleasant - Cherry

<b>Odour threshold</b>	Not available
<b>Physical state</b>	Liquid
<b>pH</b>	7 - 7.5
<b>Melting point</b>	51.66 °C (125 °F)
<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>	Not available
<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>Vapour pressure</b>	Not available
<b>Vapour density</b>	Not available
<b>Specific gravity</b>	1.2 (water=1)
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H2O)</b>	Partial

## 10. Stability and Reactivity

<b>Reactivity</b>	None known.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Excessive heat. Do not mix with other chemicals.
<b>Incompatible materials</b>	Acids. Oxidizers. Caustics.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

## 11. Toxicological Information

### Component analysis - LC50

Ingredient(s)	LC50
1,2-Propylene glycol	Not available
Ethanol	31623 ppm rat

### Component analysis - Oral LD50

Ingredient(s)	LD50
1,2-Propylene glycol	14800 mg/kg rabbit; 20000 mg/kg rat
Ethanol	3450 mg/kg mouse; 7060 mg/kg rat

### Effects of acute exposure

<b>Eye</b>	May cause irritation.
<b>Skin</b>	Prolonged contact may cause irritation
<b>Inhalation</b>	None expected.
<b>Ingestion</b>	May cause stomach distress, nausea or vomiting.
<b>Sensitisation</b>	Non-hazardous by WHMIS criteria.
<b>Chronic effects</b>	Non-hazardous by WHMIS criteria.
<b>Carcinogenicity</b>	Non-hazardous by WHMIS criteria.

#### ACGIH - Threshold Limit Values - Carcinogens

Ethanol 64-17-5 A3 - Confirmed animal carcinogen with unknown relevance to humans.

#### IARC - Group 1 (Carcinogenic to Humans)

Ethanol 64-17-5 Monograph 100E [in preparation] (in alcoholic beverages); Monograph 96 [2010] (in alcoholic beverages)

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

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

**Teratogenicity** Non-hazardous by WHMIS criteria.

**Name of Toxicologically Synergistic Products** Not available

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## 12. Ecological Information

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**Ecotoxicity** See below

**Ecotoxicity - Freshwater Algae - Acute Toxicity Data**

1,2-Propylene glycol 57-55-6 96 Hr EC50 Pseudokirchneriella subcapitata: 19000 mg/L

**Ecotoxicity - Freshwater Fish - Acute Toxicity Data**

1,2-Propylene glycol 57-55-6 96 Hr LC50 Oncorhynchus mykiss: 51600 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 41 - 47 mL/L [static]; 96 Hr LC50 Pimephales promelas: 51400 mg/L [static]; 96 Hr LC50 Pimephales promelas: 710 mg/L

Ethanol 64-17-5 96 Hr LC50 Oncorhynchus mykiss: 12.0 - 16.0 mL/L [static]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 13400 - 15100 mg/L [flow-through]

**Ecotoxicity - Water Flea - Acute Toxicity Data**

1,2-Propylene glycol 57-55-6 24 Hr EC50 Daphnia magna: >10000 mg/L; 48 Hr EC50 Daphnia magna: >1000 mg/L [Static]

Ethanol 64-17-5 48 Hr LC50 Daphnia magna: 9268 - 14221 mg/L; 24 Hr EC50 Daphnia magna: 10800 mg/L; 48 Hr EC50 Daphnia magna: 2 mg/L [Static]

**Persistence and degradability** Not available

**Bioaccumulation/accumulation** Not available

**Mobility in environmental media** Not available

**Environmental effects** Not available

**Aquatic toxicity** Not available

**Partition coefficient** Not available

**Chemical fate information** Not available

**Other adverse effects** Not available

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## 13. Disposal Considerations

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**Disposal instructions** Review federal, provincial, and local government requirements prior to disposal.

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

**Contaminated packaging** Not available

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## 14. Transport Information

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

Not regulated as dangerous goods.

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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**

1,2-Propylene glycol 57-55-6 1 %  
Ethanol 64-17-5 0.1 %

**WHMIS classification** Class D - Division 2B

**WHMIS status** Controlled

**WHMIS labeling**



**Inventory Status****Country(s) or region**

Canada

Canada

**Inventory Name**

Domestic Substances List (DSL)

Non-Domestic Substances List (NDSL)

**On Inventory (Yes/No)\***

Yes

No

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

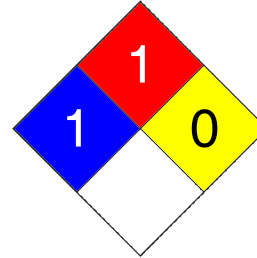
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## 16. Other Information

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

Health	/ 1
Flammability	1
Physical Hazard	0
Personal Protection	

**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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**Expiry Date**

15-Jan-2016

**Prepared by**

Dell Tech Laboratories Ltd. (519) 858-5021

**Other Information**

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.