

# LEMON DEODORANT

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	LEMON DEODORANT
<b>Other Means of Identification</b>	ESTEAM LEMON DEODORANT
<b>Product Family</b>	mixture
<b>Recommended Use</b>	Deodorizer.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer</b>	Esteam Mfg Ltd, 3750 19th NE , Calgary , Alberta, T2E6V2, 403-291-7050, esteam.com
<b>Emergency Phone No.</b>	Canutec, 1-613-996-6666, 24 hr
<b>Date of Preparation</b>	January 27, 2017

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Flammable liquid - Category 3

### Label Elements



Signal Word:  
Warning

Hazard Statement(s):  
Flammable liquid and vapour.

Prevention:  
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Response:  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
In case of fire: Use dry chemical powder to extinguish.

Disposal:  
Dispose of contents and container in accordance with local, regional, national and international regulations.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

---

Product Identifier:	LEMON DEODORANT - Ver. 2
Date of Preparation:	January 27, 2017
Date of Last Revision:	May 12, 2017

Contains no hazardous ingredients.

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Isopropanol	67-63-0	5-10		
Alcohols, C6-12, ethoxylated, liquids	68439-45-2	1-5		

**Notes**

\*The exact percentage (concentrations) of the substance in the mixture has been withheld as a trade secret.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

**Inhalation**

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

**Skin Contact**

Rinse with lukewarm, gently flowing water for 5 minutes. Contact a physician if irritation persists.

**Eye Contact**

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do.

**Ingestion**

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned. DO NOT induce vomiting unless directed to do so by medical personnel.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

### Specific Hazards Arising from the Product

See Section 9 (Physical and Chemical Properties) for flash point and explosive limits.

### Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus and protective suit.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

Concentrated product: it is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes.

### Conditions for Safe Storage

Store in the original, labelled, shipping container. Keep container tightly closed. Store in cool dry place. Keep out of reach of children.

---

Product Identifier: LEMON DEODORANT - Ver. 2  
Date of Preparation: January 27, 2017  
Date of Last Revision: May 12, 2017

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available.

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety glasses.

#### Skin Protection

Not required, if used as directed.

#### Respiratory Protection

Respirator not required, general ventilation is usually adequate.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Clear yellow liquid.
<b>Odour</b>	Citrus
<b>Odour Threshold</b>	Not available
<b>pH</b>	8.0
<b>Melting Point/Freezing Point</b>	-5 °C (23 °F) (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	41 °C (106 °F)
<b>Evaporation Rate</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Relative Density (water = 1)</b>	0.994
<b>Solubility</b>	completely in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Conditions to Avoid

Prolonged exposure to high temperatures.

### Incompatible Materials

Oxidizing agents (e.g. peroxides).

### Hazardous Decomposition Products

---

Product Identifier: LEMON DEODORANT - Ver. 2  
Date of Preparation: January 27, 2017  
Date of Last Revision: May 12, 2017

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Isopropanol	73 mg/L (rat) (4-hour exposure)	5045 mg/kg (rat)	12870 mg/kg (rabbit)
Alcohols, C6-12, ethoxylated, liquids		> 2000 mg/kg (rat)	1000 mg/kg (rabbit)

### Skin Corrosion/Irritation

May cause mild irritation based on information for closely related chemicals.

### Serious Eye Damage/Irritation

May cause mild irritation based on information for closely related chemicals.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Not harmful.

#### Skin Absorption

Not harmful.

#### Ingestion

Not harmful.

### Aspiration Hazard

Not known to be an aspiration hazard.

### Carcinogenicity

Not known to cause cancer.

### Reproductive Toxicity

#### Development of Offspring

Does not cause harm.

#### Sexual Function and Fertility

Does not cause any effects.

### Germ Cell Mutagenicity

Not mutagenic.

## SECTION 12. ECOLOGICAL INFORMATION

### Persistence and Degradability

Considered to be rapidly degradable.

### Bioaccumulative Potential

No information was located.

### Mobility in Soil

Studies are not available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

Product Identifier: LEMON DEODORANT - Ver. 2

Date of Preparation: January 27, 2017

Date of Last Revision: May 12, 2017

Page 04 of 05

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

**Safety, Health and Environmental Regulations**

**Canada**

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL or are not required to be listed.

**USA**

**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** Product safety manager

**Phone No.** 403-291-7050

**Date of Preparation** January 27, 2017

**Date of Last Revision** May 12, 2017

**References** CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

**Disclaimer** All information appearing herein is based upon data obtained from raw material manufacturers and/or recognized technical sources. While the information herein is believed to be true and accurate, we make no representation as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible to make their own investigation into the suitability of the information to their particular purposes. User assumes all risks of their handling, disposal and publication or use of the product, or reliance upon information contained herein. This information applies only to the product designated within this document and does not relate to its use in combination with any other chemical product. **READ THE LABEL** before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.

---

Product Identifier: LEMON DEODORANT - Ver. 2

Date of Preparation: January 27, 2017

Date of Last Revision: May 12, 2017

Page 05 of 05