

## LEMON FRESH DEODORANT

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	LEMON FRESH DEODORANT
<b>Other Means of Identification</b>	ECLEAN LEMON FRESH 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

### 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

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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	1-3		

#### 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.

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## 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

Appearance	Clear yellow liquid.
Odour	Citrus
Odour Threshold	Not available
pH	8
Melting Point/Freezing Point	-5 °C (23 °F) (freezing)
Initial Boiling Point/Range	Not available
Flash Point	41 °C (106 °F)
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not available
Relative Density (water = 1)	0.994
Solubility	completely in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
Physical State	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

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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.

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## 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

**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).

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