

## C.O.

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	C.O.
<b>Other Means of Identification</b>	ESTEAM C.O.
<b>Product Family</b>	mixture
<b>Recommended Use</b>	General purpose cleaner / 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>	April 27, 2017

### SECTION 2. HAZARD IDENTIFICATION

**Classification**

Not classified under any hazard class.

**Label Elements**

Not applicable

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Triethanolammonium dodecylbenzene sulfonate	27323-41-7	1-5		
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 cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.

**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

Not combustible. Use extinguishing agent suitable for surrounding fire.

### Specific Hazards Arising from the Product

Does not burn.

### 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

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

### 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.

## 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 goggles.

#### Skin Protection

Wear Chemical protective gloves.

#### 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 blue liquid.
<b>Odour</b>	Floral
<b>pH</b>	8.6
<b>Melting Point/Freezing Point</b>	0 °C (32 °F) (freezing)
<b>Initial Boiling Point/Range</b>	Not available

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<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Relative Density (water = 1)</b>	1.01
<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>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Critical Temperature</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Incompatible Materials

Oxidizing agents (e.g. peroxides).

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Triethanolammonium dodecylbenzene sulfonate		1653 mg/kg (rat)	> 4199 mg/kg (rabbit)
Alcohols, C6-12, ethoxylated, liquids		> 2000 mg/kg (rat)	1000 mg/kg (rabbit)

### Skin Corrosion/Irritation

Not a skin irritant.

### Serious Eye Damage/Irritation

Not an eye irritant.

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

#### Inhalation

No information was located.

#### Skin Absorption

No information was located.

#### Ingestion

No information was located.

### Aspiration Hazard

Not known to be an aspiration hazard.

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### **Respiratory and/or Skin Sensitization**

Not a respiratory sensitizer. Not a skin sensitizer.

### **Carcinogenicity**

Not a carcinogen.

### **Reproductive Toxicity**

#### **Development of Offspring**

Does not cause harm.

#### **Sexual Function and Fertility**

Does not cause any effects.

## **SECTION 12. ECOLOGICAL INFORMATION**

### **Persistence and Degradability**

Considered to be rapidly degradable.

### **Bioaccumulative Potential**

No information was located.

### **Mobility in Soil**

No information was located.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal Methods**

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

## **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** April 27, 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). Raw ingredient SDS's.

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