

# SANI CLEAN

## SECTION 1. IDENTIFICATION

|                                      |  |
|--------------------------------------|--|
| <b>Product Identifier</b>            | SANI CLEAN   |
| <b>Other Means of Identification</b> | ESTEAM SANI CLEAN  |
| <b>Product Family</b>                | mixture  |
| <b>Recommended Use</b>               | Hard surface disinfectant cleaner.   |
| <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>           | May 23, 2018   |

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Skin corrosion - Category 1B; Serious eye damage - Category 1

### Label Elements



Signal Word:  
Danger

### Hazard Statement(s):

Causes severe skin burns and eye damage.

### Prevention:

Do not breathe dusts or mists.  
Wash hands and skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

### Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor.  
Wash contaminated clothing before reuse.

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Storage:  
Store locked up.

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

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

| Chemical Name   | CAS No.    | %   | Other Identifiers | Other Names |
|---|------------|-----|-------------------|-------------|
| Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides                    | 68424-95-3 | 1-5 |                   |             |
| Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides              | 68424-85-1 | 1-3 |                   |             |
| Glycine, N,N'-1, 2-ethanediylbis(N-(carboxymethyl)-, tetrasodium salt, tetrahydrate | 13235-36-4 | 1-3 |                   |             |
| 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

Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. Contact a physician if irritation persists.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. 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

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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, on skin or on clothing.

### 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

In Case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

|   |  |
|---|--|
| Appearance                                  | Clear tan.                                       |
| Odor  | Sweet  |
| pH  | 12.1   |
| Melting Point/Freezing Point                | Not available (melting); 0 °C (32 °F) (freezing) |
| Initial Boiling Point/Range                 | Not available                                    |
| Flash Point                                 | Not applicable                                   |
| Evaporation Rate                            | Not available                                    |
| Upper/Lower Flammability or Explosive Limit | Not applicable (upper); Not applicable (lower)   |
| Vapor Pressure                              | Not available                                    |
| Vapor Density (air = 1)                     | Not available                                    |
| Relative Density (water = 1)                | 1.022  |
| Solubility                                  | completely in water                              |
| Decomposition Temperature                   | Not available                                    |
| <b>Other Information</b>                    |  |
| Physical State                              | Liquid   |
| Molecular Formula                           | Not available                                    |
| Molecular Weight                            | Not available                                    |

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Surface Tension

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.

### Conditions to Avoid

Prolonged exposure to high temperatures.

### Incompatible Materials

Oxidizing agents (e.g. peroxides), reducing agents (e.g. hydroquinone).

### Hazardous Decomposition Products

Nitrogen Oxides carbon Oxides hydrogen Chloride gas.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

| Chemical Name  | LC50 | LD50 (oral)             | LD50 (dermal)            |
|--|------|-------------------------|--------------------------|
| Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides                   |      | 366 mg/kg (rat)         | 645 mg/kg (rabbit)       |
| Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides             |      | 344 mg/kg (rat)         | 3340 mg/kg (rabbit) 24 h |
| Glycine, N,N'-1, 2-ethanediybis(N-(carboxymethyl)-, tetrasodium salt, tetrahydrate |      | > 1780-2000 mg/kg (rat) | > 5000 mg/kg (rabbit)    |
| Alcohols, C6-12, ethoxylated, liquids  |      | > 2000 mg/kg (rat)      | 1000 mg/kg (rabbit)      |

### Skin Corrosion/Irritation

Animal tests show moderate or severe irritation.

### Serious Eye Damage/Irritation

Animal tests show serious eye damage.

### Aspiration Hazard

Not known to be an aspiration hazard.

### Respiratory and/or Skin Sensitization

Not a respiratory sensitizer. Not a skin sensitizer.

### Carcinogenicity

Not known to cause cancer.

### Reproductive Toxicity

#### Development of Offspring

Not known to harm the unborn child.

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### **Sexual Function and Fertility**

Not known to cause effects on sexual function or fertility.

### **Germ Cell Mutagenicity**

Not known to be a mutagen.

## **SECTION 12. ECOLOGICAL INFORMATION**

### **Persistence and Degradability**

Not readily biodegradable.

### **Bioaccumulative Potential**

This product and its degradation products are not known to bioaccumulate.

### **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.

## **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** May 23, 2018

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

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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.

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