



# SAFETY DATA SHEET

Issue Date 17-May-2015

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Version 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

Product Name Kitchen Sanitizer

### Other means of identification

SDS Code JC-007-054

SKU: 55-0440 (1-gallon HDPE bottle)

### Details of the supplier of the safety data sheet

Company Name Correction Enterprises, Janitorial Products  
231 Soul City Blvd.  
Norlina, NC 27563  
252-456-1168

### Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

#### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation

Category 2A

### Label elements

#### Emergency Overview

## Warning

#### Hazard statements

Causes serious eye irritation



Appearance Clear

Physical state Liquid

Odor Slight

#### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician

Specific Treatment (See Section 4 on the SDS)

IF IN EYES: 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/attention

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a POISON CENTER or doctor/physician if you feel unwell

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

Drink plenty of water

Immediately call a POISON CENTER or doctor/physician

**Precautionary Statements - Disposal**

Disposal should be in accordance with applicable regional, national and local laws and regulations

**Hazards not otherwise classified (HNOC)****Other Information**

- Very toxic to aquatic life with long lasting effects
- Toxic to aquatic life

Unknown Acute Toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name                                    | CAS No.    | Weight-% | Trade Secret |
|--------------------------------------------------|------------|----------|--------------|
| Alkyl (C12-16) dimethyl benzyl ammonium chloride | 68424-85-1 | 1-5      | *            |
| Ethanol                                          | 64-17-5    | 1-5      | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures****Skin Contact**

Wash off immediately with plenty of water. Wash off immediately with plenty of water for at least 15 minutes. Wash off immediately with soap and plenty of water. If skin irritation persists, see a physician.

**Eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Inhalation**

Remove to fresh air.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed****Symptoms**

Any additional important symptoms and effects are described in Section 11: Toxicology Information.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No Information available.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** Do not allow into any storm sewer drains, lakes, streams, ponds, estuaries, oceans or other surface water bodies. Should not be released into the environment. Dispose of according to all local city, state and federal rules and regulations.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

| Exposure Guidelines |                | Exposure guidelines noted for ingredient(s).                                                                     |                                                                |
|---------------------|----------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Chemical Name       | ACGIH TLV      | OSHA PEL                                                                                                         | NIOSH IDLH                                                     |
| Ethanol<br>64-17-5  | STEL: 1000 ppm | TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup> | IDLH: 3300 ppm<br>TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup> |

NIOSH IDLH Immediately Dangerous to Life or Health

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles). Wear a face shield if splashing hazard exists.

**Skin and body protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid  
 Appearance Clear  
 Color Colorless  
 Odor Slight  
 Odor threshold No Information available

| <u>Property</u>               | <u>Values</u>             | <u>Remarks • Method</u> |
|-------------------------------|---------------------------|-------------------------|
| pH                            | 7.0-7.5                   |                         |
| Specific Gravity              | .98                       |                         |
| Viscosity                     | 2.4-4.0 cP @ 25°C         |                         |
| Melting point/freezing point  | No Information available  |                         |
| Flash point                   | Above 200°F               |                         |
| Boiling point / boiling range | >= 212 ° F (at 760 mm Hg) |                         |
| Evaporation rate              | No Information available  |                         |
| Flammability (solid, gas)     | No data available         |                         |
| Flammability Limits in Air    |                           |                         |
| Upper flammability limit:     | No Information available  |                         |
| Lower flammability limit:     | No Information available  |                         |
| Vapor pressure                | No Information available  |                         |
| Vapor density                 | No Information available  |                         |
| Water solubility              | Complete                  |                         |
| Partition coefficient         | No Information available  |                         |
| Autoignition temperature      | No Information available  |                         |
| Decomposition temperature     | No Information available  |                         |

Other Information

Density Lbs/Gal 8.17  
 VOC Content (%) 1.22

## 10. STABILITY AND REACTIVITY

Reactivity

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                            |                                                                                    |
|----------------------------|------------------------------------------------------------------------------------|
| <b>Product Information</b> | The primary effects and toxicity of this material are due to its corrosive nature. |
| <b>Inhalation</b>          | No data available. Avoid breathing vapors or mists.                                |
| <b>Eye contact</b>         | Corrosive to the eyes and may cause severe damage including blindness.             |
| <b>Skin Contact</b>        | Irritating to skin.                                                                |
| <b>Ingestion</b>           | Not an expected route of exposure. Do not taste or swallow.                        |

| Chemical Name                                                  | Oral LD50                                                         | Dermal LD50                                     | Inhalation LC50                                      |
|----------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------|
| Alkyl (C12-16) dimethyl benzyl ammonium chloride<br>68424-85-1 | = 426 mg/kg ( Rat )<br>= 850 mg/kg ( Rat )<br>= 240 mg/kg ( Rat ) | = 2300 mg/kg ( Rabbit )<br>= 1420 mg/kg ( Rat ) | -                                                    |
| Ethanol<br>64-17-5                                             | = 7060 mg/kg ( Rat )                                              | -                                               | = 116.9 mg/L ( Rat ) 4 h<br>= 133.8 mg/L ( Rat ) 4 h |

**Information on toxicological effects**

**Symptoms** No Information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No Information available.  
**Germ cell mutagenicity** No Information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

| Chemical Name      | ACGIH | IARC    | NTP   | OSHA |
|--------------------|-------|---------|-------|------|
| Ethanol<br>64-17-5 | A3    | Group 1 | Known | X    |

*ACGIH (American Conference of Governmental Industrial Hygienists)**A3 - Animal Carcinogen**IARC (International Agency for Research on Cancer)**Group 1 - Carcinogenic to Humans**NTP (National Toxicology Program)**Known - Known Carcinogen**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**X - Present*

**Reproductive toxicity** No Information available.

**STOT - single exposure** No Information available.

|                          |                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STOT - repeated exposure | No Information available.                                                                                                                                                                                                                                                                                                                                         |
| Chronic toxicity         | Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects. Contains a known or suspected reproductive toxin. |
| Target organ effects     | Blood, Central nervous system, EYES, Liver, Reproductive System, Respiratory system, Skin.                                                                                                                                                                                                                                                                        |
| Aspiration hazard        | No Information available.                                                                                                                                                                                                                                                                                                                                         |

**Numerical measures of toxicity - Product Information**

Unknown Acute Toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

|                               |              |
|-------------------------------|--------------|
| ATEmix (oral)                 | 9,631 mg/kg  |
| ATEmix (dermal)               | 31,610 mg/kg |
| ATEmix (inhalation-dust/mist) | 9,566 mg/l   |

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name                                                  | Algae/aquatic plants | Fish                                                                                                                                                                                                                                                     | Crustacea                                                                                          |
|----------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Alkyl (C12-16) dimethyl benzyl ammonium chloride<br>68424-85-1 | -                    | 0.223 - 0.46: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static<br>0.823 - 1.61: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static<br>1.3: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static<br>2.4: 96 h <i>Oryzias latipes</i> mg/L LC50 semi-static | -                                                                                                  |
| Ethanol<br>64-17-5                                             | -                    | 12.0 - 16.0: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 static<br>13400 - 15100: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through<br>100: 96 h <i>Pimephales promelas</i> mg/L LC50 static                                                          | 9268 - 14221: 48 h <i>Daphnia magna</i> mg/L LC50<br>2: 48 h <i>Daphnia magna</i> mg/L EC50 Static |
| Didecyl Dimethyl Ammonium Chloride<br>7173-51-5                | -                    | 0.97: 96 h <i>Danio rerio</i> mg/L LC50 semi-static                                                                                                                                                                                                      | -                                                                                                  |

**Persistence and degradability**

No Information available.

**Bioaccumulation**

No Information available.

| Chemical Name                                                  | Partition coefficient |
|----------------------------------------------------------------|-----------------------|
| Alkyl (C12-16) dimethyl benzyl ammonium chloride<br>68424-85-1 | 2.75                  |
| Ethanol<br>64-17-5                                             | -0.35                 |

**Other adverse effects**

No Information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

|                        |                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------|
| Disposal of wastes     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| Contaminated packaging | Do not reuse container.                                                                             |

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name      | California Hazardous Waste Status |
|--------------------|-----------------------------------|
| Ethanol<br>64-17-5 | Toxic<br>Ignitable                |

#### 14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT Not regulated

#### 15. REGULATORY INFORMATION

##### International Inventories

|          |          |
|----------|----------|
| TSCA     | Complies |
| DSL/NDSL | Complies |

##### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

##### US Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### SARA 311/312 Hazard Categories

|                                   |    |
|-----------------------------------|----|
| Acute health hazard               | No |
| Chronic Health Hazard             | No |
| Fire hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

##### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

##### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

##### US State Regulations

##### California Proposition 65

This product has been evaluated and does not require warning labeling under California Proposition 65.

**U.S. State Right-to-Know Regulations**

| Chemical Name      | New Jersey | Massachusetts | Pennsylvania |
|--------------------|------------|---------------|--------------|
| Ethanol<br>64-17-5 | X          | X             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number

**16. OTHER INFORMATION**

|                    |                  |                |                    |                                    |
|--------------------|------------------|----------------|--------------------|------------------------------------|
| <b><u>NFPA</u></b> | Health hazards 1 | Flammability 0 | Instability 0      | Physical and Chemical Properties - |
| <b><u>HMIS</u></b> | Health hazards 1 | Flammability 0 | Physical hazards 0 | Personal protection B              |

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Revision Note

No Information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet