

CG1464  
CK1155  
CG3461  
CG1059



## MATERIAL SAFETY DATA SHEET

### J-512 SANITIZER

| HMIS        |   | NFPA | Personal protective equipment |
|-------------|---|------|-------------------------------|
| Health      | 3 | 3    |                               |
| Fire Hazard | 0 | 0    |                               |
| Reactivity  | 0 | 0    |                               |

Version Number: 5

Preparation date: 2011-04-18

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: J-512 SANITIZER

MSDS #: MS0100429

Product Code: 4389607, 4508776, 4508848, 4508813, 4508792

Recommended use: Industrial/Institutional. Sanitizer.

Manufacturer, importer, supplier:

US Headquarters  
Diversey, Inc.  
8310 16th St.  
Sturtevant, Wisconsin 53177-1964  
Phone: 1-888-352-2249  
MSDS Internet Address: [www.diversey.com](http://www.diversey.com)

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

#### 2. HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

**DANGER. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES EYE AND SKIN BURNS. HARMFUL IF SWALLOWED.**

Principal routes of exposure:

Eye contact:

Eye contact. Skin contact. Inhalation.

Skin contact:

Corrosive. Causes irreversible eye damage. Causes permanent eye damage, including blindness.

Inhalation:

Corrosive. May cause permanent damage.

Ingestion:

May cause irritation and corrosive effects to nose, throat and respiratory tract.

Corrosive. May cause burns to mouth, throat and stomach.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient(s)  | CAS #      | Weight %   | LD50 Oral - Rat (mg/kg) | LD50 Dermal - Rabbit | LC50 Inhalation - Rat |
|--|------------|------------|-------------------------|----------------------|-----------------------|
| n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride | 68391-01-5 | 5 - 10%    | 500                     | Not available        | Not available         |
| n-Alkyl (68% C14, 32% C16) dimethyl ethylbenzyl ammonium chloride            | 68956-79-6 | 5 - 10%    | 500                     | Not available        | Not available         |
| Ethyl alcohol  | 64-17-5    | 0.1 - 1.5% | 7060                    | Not available        | ≈124.7 mg/L (4 h)     |

#### 4. FIRST AID MEASURES

Eye contact:

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact:

Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation:

If breathing is affected, remove to fresh air. Get medical attention immediately.

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**Ingestion:** Do not induce vomiting. Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Notes to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Dry chemical, water spray, foam, carbon dioxide.

**Specific hazards:** Not applicable

**Unusual hazards:** Corrosive material (See sections 8 and 10).

**Specific methods:** No special methods required

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Extinguishing media which must not be used for safety reasons:** No information available

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment

**Environmental precautions and clean-up methods:** Use appropriate containment to avoid environmental contamination. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. Use a water rinse for final clean-up. SPILL OR LEAK PROCEDURES

Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained, the material then moved into containers and disposed of by approved methods for hazardous waste

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

### Storage:

Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing. Store in a cool, dry, well ventilated area away from heat or open flame. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels Respiratory protection is not required if good ventilation is maintained.

### Personal Protective Equipment

**Eye protection:** Chemical-splash goggles.

**Hand protection:** Chemical-resistant gloves. Includes: neoprene gloves.

**Skin and body protection:** Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.

**Respiratory protection:** If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

| Ingredient(s) | CAS #   | ACGIH           | OSHA  | Mexico                                      |
|---------------|---------|-----------------|---|---|
| Ethyl alcohol | 64-17-5 | 1000 ppm (STEL) | 1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA) | 1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA) |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Appearance:** Aqueous solution

**Specific gravity:** 0.998

**Bulk density:** No information available

**Evaporation Rate:** No information available

**Color:** Pink

Vapor density: No information available  
Boiling point/range: Not determined  
Decomposition temperature: Not determined  
Solubility: Completely Soluble  
Solubility in other solvents: No information available  
Partition coefficient (n-octanol/water): No information available  
Elemental Phosphorus: 0 % by wt.  
pH: 7.75

Odor: Quaternary  
Melting point/range: Not determined  
Autoignition temperature: No information available  
Density: 8.30 lbs/gal Kg/L  
Flash point: > 200 °F > 93.4 °C  
Viscosity: No information available  
VOC: 0.6 % \*  
Dilution pH: No information available.

Explosion limits: - upper: Not determined - lower: Not determined

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

|                                   |   |
|-----------------------------------|---|
| Stability:                        | The product is stable                   |
| Polymerization:                   | Hazardous polymerization does not occur |
| Hazardous decomposition products: | None reasonably foreseeable.            |
| Conditions to avoid:              | Do not freeze.                          |

## 11. TOXICOLOGICAL INFORMATION

|                        |   |
|------------------------|---|
| Acute toxicity:        | Corrosive. Oral LD50 estimated to be between 500 - 2000 mg/kg. Dermal LD50 estimated to be greater than 5000 mg/kg. |
| Component Information: | See Section 3   |
| Chronic toxicity:      | None known  |
| Specific effects       |   |
| Carcinogenic effects:  | None known  |
| Mutagenic effects:     | None known  |
| Reproductive toxicity: | None known  |
| Target organ effects:  | None known  |

## 12. ECOLOGICAL INFORMATION

|                            |                   |
|----------------------------|-------------------|
| Environmental Information: | No data available |
|----------------------------|-------------------|

## 13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal

### Waste from residues / unused products:

PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes.

### Pesticide Storage:

Store in original container in areas inaccessible to children. Open dumping is prohibited. Do not reuse empty container

### Pesticide Disposal:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law

### Container Disposal:

Pesticide product disposal requirements vary by package size and type. Pesticides include disinfectants and sanitizers. See product label for complete disposal instructions. Always dispose of according to all federal, state and local applicable regulations.



#### 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Please refer to the Diversey HazMat Library, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

**DOT Bill of Lading Description:** CONSUMER COMMODITY, ORM-D

**IMDG Bill of Lading Description:** UN3267, Corrosive liquid, basic, organic, n.o.s. (Quaternary ammonium compounds), 8, III, Ltd. Qty.

#### 15. REGULATORY INFORMATION

##### International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

##### U.S. Regulations

**EPA Reg. No. :** 1839-86-70627

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65

##### CERCLA/ SARA

##### SARA 311/312 Hazard Categories

|                             |   |
|-----------------------------|---|
| Immediate:                  | Y |
| Delayed:                    | N |
| Fire:                       | N |
| Reactivity:                 | N |
| Sudden Release of Pressure: | N |

#### 16. OTHER INFORMATION

|                             |                |
|-----------------------------|----------------|
| <b>Reason for revision:</b> | Not applicable |
| <b>Prepared by:</b>         | NAPRAC         |
| <b>Additional advice:</b>   | None           |

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