



**LOUDOUN COUNTY PUBLIC SCHOOLS**  
**SUPPORT SERVICES DEPARTMENT**  
**FACILITIES SERVICES DIVISION**  
**1002C SYCOLIN ROAD, S. E.**  
**LEESBURG VA 20175**  
**TEL: 571-252-2960**

August 1, 2017

To: Head Custodians & Day Custodians

Cc: Principals & Vice Principals  
Dr. Becky Bays, School Nutrition;  
Jeannie Kloman, Student Health Services  
Brian Hoover, Custodial Operations;  
Cristina Windover, Occupational Health and Safety

From: Kevin Primeau, Custodial Services Supervisor

Subject: New procedure for cleaning of cafeteria tables

Effective the first day of school, August 24, 2017, a new product will be used and procedure to follow for the cleaning of cafeteria tables.

- The new solution is Diversey J-512 Sanitizer. It is made for food service applications, sanitizes and does not require rinsing (please see attached information sheet).
- The dispenser is a small, single J-fill holder that will fill spray bottles only.
- Dispensers will be installed in the kitchens custodial closet sink area in the next 3 weeks.
- Each school will receive 4-5 spray bottles, properly labeled.

The cleaning of cafeteria tables is staying the same except: 1) we will be using the J-512 solution to spray and; 2) a final additional step to spray the cafeteria table and leave it wet (after it has been cleaned and wiped). This will allow the solution to sanitize the surfaces and does not need rinsing, just leave it wet after spraying.

**PROCEDURE STEPS:**

1. NO CHANGE - First lunch is finished: spray the tables with J-512, clean and wipe.
2. NO CHANGE - Second lunch is finished: spray the tables with J-512, clean and wipe.
3. NO CHANGE - Third lunch is finished: spray the tables with J-512, clean and wipe.
4. NO CHANGE - Final lunch is finished: spray the tables with J-512, clean and wipe.
5. NEW - Generously spray the table again and leave it to air dry (no wiping).

If you have any questions please call me at 571-252-2960.

Attachments: J-512 information sheet, for your information.  
J-512 MSDS, please insert into your schools MSDS book.

# J-512™ Sanitizer



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**A no-rinse sanitizer that conveniently and effectively sanitizes food contact surfaces where sanitization is of prime importance.**

#### **Sanitizes**

- ▶ For use on hard, nonporous surfaces, utensils and equipment

#### **Effective**

- ▶ Sanitizes food contact and other hard environmental surfaces
- ▶ No need to rinse, just allow to drain and air dry

#### **Versatile**

- ▶ Spray on mobile and immobile equipment
- ▶ Use in commercial sinks for sink immersion of utensils

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#### **Designed For**

- ▶ Health Care
  - ▶ Food Service
  - ▶ Lodging
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# Use Overview

**J-512™ Sanitizer** is a no-rinse sanitizer for food contact surfaces. The product is designed for use in dairies, restaurants, bars and institutions where sanitization is of prime importance.

- ▶ To sanitize pre-cleaned and potable water-rinsed, non-porous, food contact surfaces, prepare a 200 ppm active quaternary solution by adding 1 ounce of sanitizer to 4 gallons of water.

## Immobile Items

- ▶ Spray, apply with a cloth or circulate through a 200 ppm active quaternary solution for at least 60 seconds making sure to wet all surfaces completely.
- ▶ Drain the excess use solution from the surface and air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

## Mobile Items

- ▶ Immerse in a 200 ppm active quaternary solution for at least 60 seconds making sure to immerse completely.
- ▶ Remove items, drain the use solution from the surface and air dry. Prepare a fresh solution daily or more frequently as soil is apparent.



## Product Specifications

Description	
<b>Color/Form</b>	Pink liquid
<b>EPA Reg. No.</b>	1839-86-70627
<b>Flash Point</b>	> 200° F (> 93.4° C)
<b>Food Plant Use</b>	Suitable for use in food plants
<b>Hard Water Tolerance</b>	Up to 650 ppm
<b>pH</b>	7.75 (Concentrate)
<b>Phosphates</b>	None
<b>Scent</b>	Typical quaternary odor
<b>Shelf Life</b>	1 year
<b>Solubility</b>	Complete
<b>Specific Gravity</b>	0.998

## Available Items

Product Code	Description/Package Size	Dilution
4508776	4 x 64 oz. / 1.89 L Solutions Center® Bottles	1:512
4389607	6 x 32 oz. / 946 mL AccuMix® Containers	1:512
4508848	4 x 1 gallon / 3.78 L Containers	1:512
4508813	1 x 2.5 gallon / 9.46 L Hanging Bag	1:512
4508792	2 x 84.5 fl. oz. / 2.5 L J-Fill®	1:512

## Safety Reminder

Please make sure your employees read and understand the product label and Material Safety Data Sheet before using this product. The label contains directions for use, and both the label and MSDS contain hazard warnings, precautionary statements and first aid procedures. MSDS are available on-line at [www.diversey.com](http://www.diversey.com) or by calling 888 352 2249.

## Hazard Rating

HMIS	Concentrate	NFPA
3	Health	3
0	Flammability	0
0	Reactivity	0

4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant.

HMIS	Use Dilution	NFPA
0	Health	0
0	Flammability	0
0	Reactivity	0



## J-512 Sanitizer

Version Number: 2

Preparation date: 2015-02-20

### 1. IDENTIFICATION

**Product name:** J-512 Sanitizer  
**Product Code:** 03920, 5753407, 5756018, 5756026, 5756034, 5963480  
**SDS #:** MS0800569

**Recommended use:**

- Industrial/Institutional
- Sanitizer
- This product is intended to be diluted prior to use

**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**

US Headquarters Sealed Air 8215 Forest Point Blvd. Charlotte, NC 28273-5509 Phone: 1-888-352-2249 SDS Internet Address: <a href="https://sds.sealedair.com">https://sds.sealedair.com</a>	Canadian Headquarters Sealed Air - Canada 3755 Laird Road Mississauga, Ontario L5L 0B3 Phone: 1-800-668-7171
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**Emergency telephone number:** 1-800-851-7145; 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

#### Classification for the undiluted product

Skin corrosion/irritation Category 1B  
 Serious eye damage/eye irritation Category 1



**Signal Word:** Danger.

#### Precautionary Statements

##### **CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE.**

Causes burns/ serious damage to mouth, throat and stomach. Keep container tightly closed. Do not breathe spray. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. Wear chemical-splash goggles, chemical-resistant gloves and protective footwear. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse. 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 for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: Mix only with water. DO NOT MIX WITH BLEACH OR ANY OTHER PRODUCT OR CHEMICAL. Can react to release chlorine gas.

**Health hazards not otherwise classified (HHNOC)** - Not applicable

**Physical hazards not otherwise classified (PHNOC)** - Not applicable

**Classification for the diluted product @ 1:160**

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

**Precautionary Statements**

None required.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Classified Ingredients**

Ingredient(s)	CAS #	Weight %
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	68391-01-5	5 - 10%
Alkyl dimethyl ethyl benzyl ammonium chloride	85409-23-0	5 - 10%
Ethyl alcohol	64-17-5	1 - < 3%

\*Exact percentages are being withheld as trade secret information

**4. FIRST AID MEASURES****Undiluted Product:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed:** Not applicable.

**Diluted Product:**

**Eyes:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

**Skin:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** Rinse mouth with water.

**5. FIRE-FIGHTING MEASURES**

**Specific methods:** No special methods required.

**Suitable extinguishing media:** Not applicable.

**Specific hazards:** Not applicable.

**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, Environmental precautions and clean-up methods:**

Attention! Corrosive material. Put on appropriate personal protective equipment (see Section 8.).  
Clean-up methods - large spillage. Material is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. Water runoff can cause environmental damage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

**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. Keep away from open flames, hot surfaces and sources of ignition. Mix only with water. DO NOT MIX WITH BLEACH OR ANY OTHER PRODUCT OR CHEMICAL. Can react to release chlorine gas. 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:** Protect from freezing. Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame.

**Aerosol Level (if applicable) :** Not applicable

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:**

Ingredient(s)	CAS #	ACGIH	OSHA
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	68391-01-5	-	-
Alkyl dimethyl ethyl benzyl ammonium chloride	85409-23-0	-	-
Ethyl alcohol	64-17-5	1000 ppm (STEL)	1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA)

**Undiluted Product:**

**Engineering measures to reduce exposure:**

None known

**Personal Protective Equipment**

- Eye protection:** Chemical-splash goggles.
- Hand protection:** Chemical-resistant gloves.
- Skin and body protection:** Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.
- Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment. 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.

**Diluted Product:**

**Personal Protective Equipment**

- Eye protection:** No personal protective equipment required under normal use conditions.
- Hand protection:** No personal protective equipment required under normal use conditions.
- Skin and body protection:** No personal protective equipment required under normal use conditions.
- Respiratory protection:** No personal protective equipment required under normal use conditions.
- Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Evaporation Rate:** No information available

**Odor threshold:** No information available.

**Melting point/range:** Not determined

**Autoignition temperature:** No information available

**Solubility in other solvents:** No information available

**Density:** 8.28 lbs/gal 0.993 Kg/L

**Bulk density:** No information available

**Flash point (°F):** > 200 °F > 93.3 °C

**Dilution Flash Point:** > 200 °F > 93.3 °C

**Elemental Phosphorus:** 0.00 % by wt.

**pH:** 7

**Dilution pH:** 7 @ 1:160

**Metal Corrosion:** Not determined

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

**Color:** Clear Red

**Odor:** Quaternary

**Boiling point/range:** Not determined

**Decomposition temperature:** Not determined

**Solubility:** Completely Soluble

**Relative Density (relative to water):** 0.993

**Vapor density:** No information available

**Vapor pressure:** No information available.

**Partition coefficient (n-octanol/water):** No information available

**Viscosity:** No information available

**VOC:** 1.25 % \*

**VOC % by wt. at use dilution** 0.01 % \*

**Flammability (Solid or Gas):** Not applicable

**Sustained combustion:** Not applicable

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

## 10. STABILITY AND REACTIVITY

**Reactivity:**

Not Applicable

**Stability:**

The product is stable

**Hazardous decomposition products:**

None reasonably foreseeable.

**Materials to avoid:** Oxidizing agents. Anionic surfactant. Do not mix with chlorinated products (such as bleach).  
**Conditions to avoid:** No information available.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Skin contact, Inhalation, Ingestion, Eye contact

### Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

**Skin contact:** Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).

**Eye contact:** Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

**Ingestion:** Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** No known effects.

**Target Organs (SE):** None known

**Target Organs (RE):** None known

**Carcinogen Listings:** Ethyl alcohol is only classified as an IARC 1 carcinogen when it is meant for ingestion in alcoholic beverages. We do not produce alcoholic beverages; therefore it is not considered a carcinogen in our products.

Ingredient(s)	CAS #	NTP	IARC	OSHA
Ethyl alcohol	64-17-5		-	

### Numerical measures of toxicity

**ATE - Oral (mg/kg):** 3800

**ATE - Dermal (mg/kg):** >5000

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

## 13. DISPOSAL CONSIDERATIONS

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

### **Waste from residues / unused products (undiluted product):**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Material is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

### **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:**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by State and local authorities burn. If burned, stay out of smoke.

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Proper shipping descriptions can vary by pack size. Please refer to the Diversey HazMat Library,

http://naextranet.diversey.com/dot/, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** UN3267, CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S., (quaternary ammonium compounds), 8, III

**IMDG (Ocean) Bill of Lading Description:** UN3267, CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S., (quaternary ammonium compounds), 8, III, MARINE POLLUTANT

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA).

### U.S. Regulations

**EPA Reg. No. :** 70627-63

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

DANGER: CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective (rubber or chemical resistant) gloves and protective clothing. Harmful if swallowed or absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**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:	X
Delayed:	-
Fire:	-
Reactivity:	-
Sudden Release of Pressure:	-

## 16. OTHER INFORMATION

### NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3

Flammability 0

Instability 0

Version Number: 2

Preparation date: 2015-02-20

Reason for revision: Not applicable

Prepared by: NAPRAC

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