

*KITCHEN KLEEN product line*

# E-SAN 205

## ONE-STEP CLEANER, DISINFECTANT, SANITIZER, DEODORIZER BAR, RESTAURANT, FOOD AND MEAT PLANT

Appearance ..... Colorless Liquid  
Odor ..... Odorless  
pH (conc.) ..... 12.0  
Solubility ..... Complete



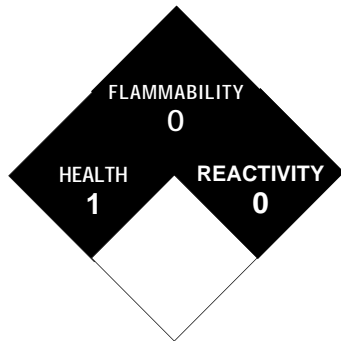
Biodegradable



Manufactured to  
ISO 9002  
Specifications

NFPA 704 Hazard Rating:

4=Extreme, 3=High, 2=Moderate  
1=Slight, 0=Minimal



Rating for this product:

Health ..... 1 ..... Slight  
Fire ..... 0 ..... Will Not Burn  
Reactivity ... 0 ..... Stable

**EMERGENCY: (800) 535-5053**

**24 Hour MSDS Information**

**Other Useful Products:**

PRODUCT NAME	PROD CODE
Cleaning Gem .....	J3401
USDA butyl cleaner/degreaser	
Silent Suds .....	R2301
low suds bar glass cleaner	
Steramine Tablets .....	R2504
quaternary tablets for sanitizing	

### DESCRIPTION

#### Active Ingredients

n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>)  
dimethyl benzyl ammonium chlorides 4.5%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)  
dimethyl ethylbenzyl ammonium  
chlorides 4.5%

Inert Ingredients 91.0%  
Total Ingredients 100.00%

EPA Registration No. 1839-81-63824  
EPA Establishment No. 34490 CA01

### DIRECTIONS

**It is a violation of Federal Law to use this product in a manner inconsistent with its labelling.**

Mix 1 ounce of E-SAN 205 per gallon of water. Allow the surface to remain wet for 10 minutes to kill microorganisms.

**Disinfecting hard inanimate surfaces:** Apply solution with a mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For heavily soiled areas, a precleaning step is required. Prepare a fresh solution for each use.

**Sanitization:** To sanitize previously cleaned and rinsed nonporous food contact surfaces prepare a 200 ppm active quaternary solution by adding 1 ounce of E-SAN 205 to 3.5 gallons of water.

To sanitize immobile items such as tanks, chopping blocks and counter tops, flood the area with a 200 ppm active quaternary solution or apply with a cloth or sponge making sure to wet all surfaces completely for at least 60 seconds. Let air dry. Prepare a fresh solution for each use.

To sanitize mobile items such as drinking glasses and eating utensils, immerse in a 200 ppm active quaternary solution for at least 60 seconds making sure to immerse completely, remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent. When used for sanitation of previously cleaned food equipment or food contact items, limit active quaternaries to 200 ppm.

**NO POTABLE WATER RINSE IS REQUIRED.** E-SAN 205 is an effective sanitizer when diluted in water up to 250 ppm hardness (as CaCO<sub>3</sub>).

### DIRECTIONS

**Bactericidal activity:** When diluted at the rate of 1 ounce per gallon of water, E-SAN 205 exhibits effective disinfectant activity against the organisms: *Pseudomonas aeruginosa* PRD 10, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella choleraesuis*, *Streptococcus salivarius*, *Brevibacterium ammoniagenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes* and *Staphylococcus aureus* and meets all requirements for hospital use.

**Mildewstat:** To control mold and mildew and the odors they cause on pre-cleaned, hard non-porous surfaces add 1 ounce of E-SAN 205 per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears. At the 1 ounce per gallon of dilution, E-SAN 205 is also fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes*.

**Kills HIV-1 on precleaned environmental surfaces/objects previously soiled with blood/body fluid** in health care settings (Hospitals, Nursing Homes) or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluid can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

**Special instructions for cleaning and decontamination against HIV-1 of surfaces/objects soiled with blood/body fluids.**

**Personal protection:** When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, and eye coverings.

**Cleaning Procedures:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of E-SAN 205. Mix 1 ounce of E-SAN 205 per gallon of water. **Contact Time:** Allow surface to remain wet for 10 minutes.

### DANGER

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. If swallowed, drink egg whites or gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. **Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

### EXSL

**FORMULAS THAT MEET THE CHALLENGE**

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HAYWARD, CA 94544 • 510-324-4567

# MATERIAL SAFETY DATA SHEET

**EMERGENCY: (800) 535-5053**

**Product Name: E-San 205**

**Product Code: R3302**

**Proper Shipping Name:** Not applicable. This is a non-regulated material.

**Distributed by:** EXSL/Ultra Labs, Inc.

**Effective Date:** 7/12/01

**Supersedes:** 9/1/98

## HAZARDOUS INGREDIENTS

	CAS#	PCNT%	TWA	STEL	SARA III	PROP 65	Carcinogen
Sodium Carbonate	497-19-8	4.00	None	None	No	No	No

## PHYSICAL DATA

**Boiling Point:** 212° F  
**Specific Gravity:** 1.050  
**pH:** (Conc.) 12.0  
**Evaporation Rate:** 1.0  
**Viscosity:** 1-3 cps  
**Solubility:** Complete  
**Vapor Pressure:** Not Avail.  
**Appearance & Odor:** Colorless Liquid, No Odor  
**Reactivity in Water:** None  
**Melting Point:** Not App.  
**Vapor Density:** < 1  
**Volatiles:** Not Avail.

## FIRE & EXPLOSION DATA

**Health:**..... 1 ... Slight  
**Fire:**..... 0 ... Will Not Burn  
**Reactivity:**..... 0 ... Stable  
**NFPA 704 Hazard Rating**  
4 = Extreme, 3 = High, 2 = Moderate  
1 = Slight, 0 = Minimal  
**Flash Point:** None (Cleveland Open Cup)  
**Flammability Levels (LEL/UEL):** Not App.

**Extinguishing Media:**..... This product is not combustible. Use water spray, foam, carbon dioxide, or dry chemical.

**Fire & Explosion Hazard:**... None.

**Conditions to Avoid:**..... Open flames, welding arcs or other high temperature sources that induce thermal decomposition, which produce toxic fumes.

## REACTIVITY DATA

**Materials to Avoid:** Strong acids.

**Stability:** Stable

**Hazardous Decomposition Products:** None

**Hazardous Polymerization:** Will not occur.

## HEALTH HAZARDS

**Eye Contact:**..... Causes moderate to severe irritation. Prolonged and repeated contact can cause redness and tearing.

**Skin Contact:**..... May cause dryness with prolonged contact.

**Ingestion:**..... Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Inhalation:**..... Spray or mist can be irritating to the upper respiratory tract.

## FIRST AID

**Eyes:**..... Flush out immediately for at least 20 minutes with running water and seek medical attention. Washing eyes within one minute is essential to minimizing eye damage. Hold eyelids apart to ensure flushing of the entire surface.

**Skin:**..... Wash with water. If irritation persists, seek medical attention.

**Ingestion:**..... Never give anything to an unconscious person. If swallowed, induce vomiting. Give large quantities of water or milk. If vomiting occurs, keep airways clear. Seek medical attention.

**Inhalation:**... Move person to fresh air and away from exposure. If breathing is difficult, administer oxygen and seek medical attention. Give artificial respiration if victim is not breathing.

## SPILL OR LEAK PROCEDURES

### Steps to Contain:

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leaks if you can do it without risk. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing (rubber boots and gloves). Contain spills with dry earth, sand or other non-combustible material and transfer to containers. Sweep up powder spills and transfer to containers. DO NOT GET WATER INSIDE CONTAINERS.

### Recommended Waste Disposal Method:

The materials resulting from the clean up may be hazardous waste and, therefore, subject to specific regulations. Package, store, transport, and dispose all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local health environmental regulations. Shipments of waste materials are subject to manifesting requirements per applicable regulations. Ensure that all responsible federal, state, and local agencies receive proper notification of spills and disposal methods.

## SPECIAL PROTECTION & PRECAUTIONS

**Respiratory:**.... None under normal use conditions.

**Eye:**..... None under normal use conditions.

**Storage:**..... Keep in a cool, dry place.

**Clothing:**..... None under normal use conditions.

**Comments:** ... None under normal use conditions.

**Handling:**..... Do not stack or palletize over three high.

## USER'S RESPONSIBILITY

It is the user's responsibility to provide a safe workplace. He or she should consider the health hazard and safety information contained herein as a guide and take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment.

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

**EXSL/Ultra Labs, Inc.**

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