



Commercial Products Group  
CPG TN 6  
2 Procter & Gamble Plaza  
Cincinnati, OH 45202

HMIS®  
Health 3  
Flammability 0  
Reactivity 0

## MATERIAL SAFETY DATA SHEET

Issue Date: 3/00

### SECTION I

Emergency Telephone Number: Procter & Gamble Operator 1-513-983-1100 or Local Poison Control Center  
Identity: **Sanitizer Disinfectant Deodorizer CLEAN QUICK LIQUID QUATERNARY SANITIZER .**  
Ingredients/Chemical Name: n-alkyl (C<sub>14</sub> 50%, C<sub>12</sub> 40%, C<sub>16</sub> 10%) dimethyl benzyl ammonium chloride, didecyl dimethyl ammonium chloride, water, ethanol, colorant  
Other: This product is an EPA registered pesticide (EPA Reg. No. 47371-180-3573)

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Ingredients as defined by OSHA, 29 CFR 1910. 1200.

Chemical Name	Common Name	CAS No.	ACGIH TLV	OSHA PEL	Other Limits Recommended
n-alkyl (C <sub>14</sub> 50%, C <sub>12</sub> 40%, C <sub>16</sub> 10%) dimethyl benzyl ammonium chloride	Quaternary	8001-54-5	N.A.	N.A.	N.A.
Didecyl dimethyl ammonium chloride	Quaternary	7173-51-5	N.A.	N.A.	N.A.
Ethanol	Ethyl alcohol	64-17-5	1900 mg/m <sup>3</sup>	1000 ppm 1900 mg/m <sup>3</sup>	N.K.

DOT Classification: Not regulated

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling point:** 212°F  
**Vapor Pressure (mm Hg):** Unk  
**Vapor Density (Air=1):** Unk  
**Solubility in Water:** 100%  
**pH:** 6.0-8.0  
**Specific Gravity (H<sub>2</sub>O=1):** 0.99  
**Percent Volatile by Volume (%):** 85  
**Evaporation Rate (nBuOAc=1):** Unk  
**Appearance and Odor:** Red liquid, slight odor.

### SECTION IV - FLAMMABILITY AND REACTIVITY

**Flash Point (Method Used):** None TOC  
**Extinguishing Media:** As for surrounding fire  
**Special Fire Fighting Procedures:** N.A.  
**Unusual Fire Hazards:** None  
**Stability**      *Unstable:*  
                         *Stable:* X  
**Explosive Limits:** LEL: N.A.    UEL: N.A.  
**Conditions to Avoid:** None  
**Incompatibility (Materials to avoid):** Strong acids  
**Hazardous Decomposition/By Products:** Thermal decomposition may yield carbon dioxide, carbon monoxide, ammonia, and nitrous oxide  
**Hazardous**      *May Occur:*  
**Polymerization**      *Will Not Occur:* X  
**Conditions to Avoid:** None Known

**Sanitizer Disinfectant Deodorizer CLEAN QUICK LIQUID QUATERNARY SANITIZER** Material Safety Data Sheet (continued)

**SECTION V - HEALTH AND SAFETY DATA**

**Route(s) of Entry:** Eye contact, skin contact, ingestion, inhalation  
**Health Hazards (Acute and Chronic):** Concentrate causes eye damage. The concentrated product may cause skin damage and the concentrate is harmful if ingested.  
**Signs and Symptoms of Exposure:** The concentrate causes severe eye irritation, skin irritation, nausea and vomiting after ingestion.  
**Medical Conditions Generally Aggravated by Exposure:** None known.  
**Emergency and First Aid Procedures:** *Eye contact:* Immediately flush with plenty of water for at least 15 minutes. Call a physician. *Skin:* Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash clothes before reuse. *Ingestion:* Drink promptly a large quantity of milk, egg whites, gelatin solution or water. Avoid alcohol. Call a physician immediately.\*\*  
*Inhalation:* Move to fresh air.  
\*\*NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.  
**Other:** N.A.

**SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Precautions to be Taken in Handling and Storing:** Keep under locked storage sufficient to make it inaccessible to children or persons unfamiliar with the use. This is a cationic material, its activity is reduced by soaps or anionics.  
**Other precautions:** Triple rinse empty container before disposal. Do not reuse empty container. Follow label directions  
**Steps to Be Taken in Case the Concentrated Material is Released or Spilled:** Contain spill. Flush with large excess of water. Do not contaminate food, feed or water.  
**Waste Disposal Method:** Open dumping is prohibited. Dispose of in accordance with local, state, and federal regulations.

**SECTION VII - SPECIAL PROTECTION INFORMATION**

**Respiratory Protection (Specify Type):** None required with normal use.  
**Ventilation** *Local Exhaust:* None required *Special:* None  
*Mechanical (General):* Normal/general dilution ventilation is acceptable *Other:* None  
**Eye Protection:** Not required at use dilution. Goggles or face shield required when handling concentrated product. **Protective Gloves:** Not required at use dilution. Rubber are required when handling concentrated product.  
**Other Protective Equipment:** No special protective equipment required .

\*N.A. - Not Applicable

\*N.K. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.