



## MATERIAL SAFETY DATA SHEET

### Per 29 CFR 1910.1200

HEALTH	2	0-LEAST 1-SLIGHT
FLAMMABILITY	1	2-MODERATE 3-MILD
REACTIVITY	0	4-EXTREME

IDENTITY (As Used On Label and List): **CD 256 Neutral Disinfectant Cleaner** **EPA Reg. # 1839-167-5166**

#### SECTION I

EMERGENCY PHONE NUMBER

Tel: (313) 933-4211

Fax: (313) 933-4454

#### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Values reported as TWA unless noted

HAZARDOUS COMPONENTS:	CAS#	OSHA-PEL	ACGIH-TLV	LD50
Inert	7732-18-5	N/A	N/A	
Di-alkyl Dimethyl Ammonium Chlorides	68424-95-3	N/A	N/A	
Didecyl Dimethyl Ammonium Chloride	7173-51-5	N/A	N/A	
Dioctylmethyl Ethylammonium Chloride	5538-94-3	N/A	N/A	
Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	N/A	N/A	
Ethanol	64-17-5	N/A	N/A	

Key: **PEL:** Permissible Exposure Limit **TLV:** Threshold Limit Value **STEL:** Short Term Exposure Limit  
**N/A:** Not Applicable **N/D:** Not Determined **N/E:** Not Established **Y:** Yes **N:** No  
**302:** CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)  
**355:** SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)  
**372:** SARA TITLE III/ List of Toxic chemicals subject to Release Reporting (Community Right to Know) (10 CFR 372)

#### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	200°F	SPECIFIC GRAVITY (H <sup>2</sup> O=1):	8.45lb/gal (@25C)
VAPOR PRESSURE @20°C	N/A	MELTING POINT:	N/A
VAPOR DENSITY (AIR=1):	Estimated heavier than air.	EVAPORATION RATE:	Estimated slower than ethyl ether.
SOLUBILITY IN WATER:	100%	pH	9.0 +/- 0.5 (as is)
APPEARANCE & ODOR:	Clear Liquid, Mild Odor		(7.0 RTU)

#### SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT:	94.4 °C
FLAMMABLE LIMITS:	LEL - N/A UEL - N/A
EXTINGUISHING MEDIA:	Dry chemical, foam, carbon dioxide, water fog.
SPECIAL FIRE FIGHTING EQUIPMENT/INSTRUCTIONS:	Firefighters should wear full firefighting turn-out gear (full Bunker gear) including NIOSH-approved self-containing Breathing apparatus with full face piece operated in the Pressure demand or other positive pressure mode.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Vapors may form explosive mixture with air.

#### SECTION V - REACTIVITY DATA

STABILITY:	Stable under normal conditions
CONDITIONS TO AVOID:	Avoid strong oxidizing agents
INCOMPATIBILITY (MATERIAL TO AVOID)	This product is incompatible with anionic compounds, strong Oxidizing agents.
HAZARDOUS DECOMPOSITION OR BY PRODUCTS:	Upon decomposition, this product may yield oxides of nitrogen
HAZARDOUS POLYMERIZATION:	and ammonia Will not occur

**SECTION VI - HEALTH HAZARD DATA**

ROUTES OF ENTRY      INHALATION:      EYECONTACT: X      SKIN CONTACT: X      INGESTION: X  
 INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, LARC TO BE SUSPECTED HUMAN  
 CARCINOGENS:      NONE

EFFECTS OF OVEREXPOSURE

IF IN EYES:      Moderate irritation, redness.  
 IF ON SKIN:      Irritation with repeated or prolonged contact.  
 IF SWALLOWED:      Gastrointestinal irritation, nausea, vomiting, and diarrhea.  
 IF INHALED:      Irritation of respiratory tract.

EMERGENCY & FIRST AID PROCEDURES

IF IN EYES:      Flush eyes and under eyelids with plenty of cool water for at least 15  
 Minutes. If irritation persists, obtain medical attention.  
 IF ON SKIN:      remove contaminated clothing and launder before re-use. Wash with  
 soap and water.  
 IF SWALLOWED:      Call a physician or poison control center immediately. Do not induce vomiting.  
 IF INHALED:      Remove person to fresh air.

**SECTION VII - SPILL OR LEAK PROTECTION**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area and extinguish all sources of ignition.  
 Contain spill. Soak up with inert absorbent and place in a properly labeled  
 closed container for disposal.  
 WASTE DISPOSAL METHOD:      Consult local environmental.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION:      Use with adequate ventilation.  
 VENTILATION LOCAL: Recommended      MECHANICAL: Not required  
 PROTECTIVE GLOVES:      Chemical resistant.  
 EYE PROTECTION:      Chemical goggles or safety glasses.  
 OTHER PROTECTIVE EQUIPMENT:      Eye wash station

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:  
 Store in a cool, dry place, away from heat or open flame. Keep container tightly closed when not in use.

OTHER PRECAUTIONS:      Keep out of the reach of children. Do not cut or weld empty containers as they may contain  
 combustible residue.

**SECTION IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:      Normal care should be taken to minimize risk of  
 damage.

Poison Control: 1-800-356-3232

OTHER PRECAUTIONS:      No other precautions are required.

	NAME (Print) <b>PAUL KATZ</b>
	SIGNATURE
	TITLE <b>GENERAL MANAGER</b>
	DATE <b>JANUARY, 2008</b>