

MATERIAL SAFETY DATA SHEET

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CHEMTEL—24 Hour Emergency Response (800) 255-3924***TRADE NAME: **CITRA-CIDE (MSDS #1454)*****

***CHEMICAL OR COMMON NAME:

***Neutral Disinfectant Cleaner ***

HAZARDOUS COMPONENTS

MATERIAL	CAS #	%	TLV(ppm)	OTHER
1. n-Alkyl dimethyl benzyl ammonium chloride	8001-54-5	1.54	N/A	
2. Didecyl dimethyl ammonium chloride	7173-51-5	2.31	N/A	

PHYSICAL DATA

BOILING PT(Deg F): >212	FREEZE PT(Degrees F): 32
SPECIFIC GRAVITY: 1.00	SOLUBILITY IN WATER:100%
APPEARANCE: Yellow Solution	VOLATILES(% by WT.): 96
PERCENT ACTIVE : 4	VAPOR DENSITY(AIR=1): >1
VAPOR PRESSURE(at 68 Degrees F): >17mmHg	pH: 6.0-8.0
EVAPORATION RATE(BUTYL ACETATE=1): <1	ODOR: Lemon
	VOC = N/A

***These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT(Deg F--TCC)over 212° F . AUTOIGNITION TEMP(Deg F):No Data
 FLAMMABLE LIMITS IN AIR, Volume %: Lower: No Data Upper: No Data
 EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CO2, DRY CHEMICAL.
 SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with a full facepiece in positive pressure mode.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Use water fog/spray to cool and lower the pressure of fire exposed containers, to flush vapors away.

NFPA HAZARD RATING

Health (blue): 2 Flammability(red): 0 Reactivity (yellow): 0
 Least - 0 Slight - 1 Moderate - 2 High - 3 Extreme -4

HEALTH HAZARD DATA

***It is important to determine whether exposure is to concentrated or dilute product. The information included in this document is intended to deal with exposure to concentrated product. Generally, exposure to diluted product will result in substantially less risk of injury than described herein.

PRINCIPLE ROUTES OF EXPOSURE: Eyes, ingestion.

CONTACT WITH EYES: Direct contact with concentrated product may cause moderate irritation.

CONTACT WITH SKIN: Contact may cause drying. Repeated or prolonged contact may cause irritation.

SKIN ABSORPTION: No data

INHALATION: May cause mucous membrane irritation.

INGESTION: Immediate burning pain in the mouth, throat, abdomen.

SYMPTOMS OF OVEREXPOSURE: CHRONIC:

HEALTH EFFECTS OR RISKS FROM EXPOSURE: Overexposure may result in allergic skin reactions.

CONTACT WITH EYES: Stinging, watering of eyes.

CONTACT WITH SKIN: Irritation, inflammation.

INHALATION: No data.

EMERGENCY AND FIRST AID PROCEDURES

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. Treatment speed is important.

SKIN: Wash affected skin area with soap and water.

INHALATION: If discomfort is experienced, remove to fresh air. If breathing is difficult, give oxygen and call physician. If breathing stops, begin artificial respiration; immediately seek medical attention.

INGESTION: Promptly drink a large quantity of milk, egg whites or gelatin. Get medical attention immediately.

TOXICITY DATA

SUSPECTED CANCER AGENT: NO
PROPOSITION 65: NO

OSHA REGULATED: NO
NTP & IARC: NO

REACTIVITY DATA

STABILITY: THIS PRODUCT IS STABLE

CONDITIONS TO AVOID: Heat, temperature extremes.

MATERIALS TO AVOID: Strong oxidizers, Anionic Detergents will neutralize Quats and render them useless. Product will foam in contact with acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides, ammonia, nitrous oxides, and hydrogen chloride.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SPILL OR LEAK PROCEDURES

LARGE SPILLS: (55 gallons or more) Wear rubber boots, gloves, and appropriate protective clothing. Shut off source of leak if safe to do so. Dike and contain spill.

SMALL SPILLS: Mop up and rinse area.

WASTE DISPOSAL METHOD: Dispose of waste in accordance with federal, state and local regulations.

SPECIAL PROTECTION INFORMATION

VENTILATION AND ENGINEERING CONTROLS: Local exhaust.

RESPIRATORY PROTECTION: In confined areas, provide adequate ventilation to lower the concentration of mists. If the product is diluted according to label directions, a respirator is not required.

PROTECTIVE GLOVES: Use of rubber gloves will decrease skin dryness and irritation.

EYE PROTECTION: Chemical splash glasses. Keep product from splashing into eyes.

SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: CAUTION: KEEP OUT OF REACH OF CHILDREN

Do not get in eyes, on skin or on clothing. Do not take internally.

OTHER PROTECTIVE EQUIPMENT: Eyewash, Protective clothing.

D.O.T. INFORMATION: This product **IS NOT** D.O.T. Regulated.

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