

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
<b>NFPA Rating:</b> Health-1; Flammability-1; Reactivity-0 Special-0			<b>HMIS Rating:</b> Health-1; Flammability-0 Reactivity-0; Personal Protection-B			
<b>Manufacturer's Name:</b> Verax Chemical Company Address: 20102 Broadway Avenue. Snohomish, WA 98296			<b>DOT Hazard Classification:</b> Non-Hazardous <b>Identity</b> (trade name as used on label): <b style="text-align: center;">LEMONCHEK DISINFECTANT CLEANER</b>			
Date Prepared: 03-10-2003		Prepared By: GP		<b>MSDS Number:</b> LEC      Revision - 1		
Information Calls: (425) 481-5353 <b>EMERGENCY RESPONSE NUMBER: 1(800)637-7771</b>			NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA			
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
Cidecyl dimethyl ammonium chloride		2.31 – 3.08				
n-Alkyl (C14 50%, C12, 40%, C16 10%) dimethyl benzyl		1.54 – 2.05				
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> ~212° F			<b>Specific Gravity</b> (H2O=1): 1.0			
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/D			<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/D			
<b>Vapor Density</b> (Air = 1): N/D			<b>Evaporation Rate</b> ( = 1): 1			
<b>Solubility in Water:</b> Completely Soluble in waer						
<b>Appearance and Odor:</b> Clear Liquid – Mild Odor						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A		<b>Auto Ignition Temperature</b> N/D		<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/D      % UEL: N/D		
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): None			<b>EXTINGUISHER MEDIA:</b> N/A			
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Normal as for other materials around						
<b>Unusual Fire &amp; Explosion Hazards:</b> None known.						
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> [X] STABLE [ ] UNSTABLE			<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [X] WILL NOT OCCUR			
<b>Incompatibility</b> (Mat. to avoid): None.			<b>Conditions to Avoid:</b> None known			
<b>Hazardous Decomposition Products:</b> Thermal decomposition may yield carbon monoxide, carbon dioxide, nitrous oxide, hydrogen chloride.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> [ ] INHALATION [ ] INGESTION [X] SKIN ABSORPTION [X] EYE [ ] NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b>						
<b>Eye Contact:</b> May cause irritation.			<b>Skin Contact:</b> Repeated or prolonged contact may cause moderate irritation.			
<b>Ingestion:</b> May be harmful. LD50 – 6.9 g/kg.						
<b>CHRONIC EFFECTS:</b>						
<b>Medical Conditions Generally Aggravated by Exposure:</b> None known						
EMERGENCY FIRST AID PROCEDURES						

<b>Eye Contact:</b> Flush with plenty of water for 15 minutes, lifting upper and lower lids. If irritation persists seek medical attention.	
<b>Skin Contact:</b> Wash with soap and water. Remove contaminated clothing and wash before re-use.	
<b>Inhalation:</b> If affected, remove to fresh air.	
<b>Ingestion:</b> Drink large quantities of water. Call a physician immediately. Avoid alcohol.	
<b>SECTION 6 - CONTROL AND PROTECTIVE MEASURES</b>	
<b>Respiratory Protection (specify type):</b> None required.	
<b>Protective Gloves:</b> Rubber.	<b>Eye Protection:</b> Splash Goggles.
<b>Ventilation Requirements:</b> None required in excess to normal ventilation.	
<b>Other Protective Clothing &amp; Equipment:</b> None.	
<b>Hygienic Work Practices:</b> Do not work in soaked clothing. Wash after handling. Avoid food contamination.	
<b>SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE</b>	
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Contain spill. Do not contaminate food, feed, or water.	
<b>Waste Disposal Methods:</b> Open dumping is prohibited. Dispose of in accordance with local, state and federal regulations.	
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Do not reuse empty container. Triple rinse (or equivalent) container before disposal.	
<b>Other Precautions &amp;/or Special Hazards:</b> <b>KEEP OUT OF REACH OF CHILDREN.</b> Read and follow label directions.	

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only