

# MATERIAL SAFETY DATA SHEET

## (SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable  
Not Est. = Not Established  
Prop. = Proprietary

### SECTION 1 - MANUFACTURER / DISTRIBUTOR INFORMATION

**Product Name:** VIRA-QUAT Detergent Disinfectant Cleaner  
**Supplier's Name:** National Chemical Laboratories of PA, Inc.  
**Supplier's Address:** 401 N. 10<sup>th</sup> Street · Philadelphia PA 19123  
**HMIS Hazard Code:** Health: 2 Flammability: 0 Reactivity: 0 Other: 0  
**Chemical Family:** Quaternary Disinfectant  
**D.O.T. Shipping Name:** N/A

**Product #:** 0245  
**Emergency Phone #:** CHEM-TEL (800) 255-3924  
**Chemical Name:** N.A. Proprietary Blend  
**Formula:** N.A. Blended Product  
**Hazard Class:** N/A **D.O.T. ID#:** N/A

### SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% Concentration Range	Hazard Ratings (TLV/PEL)
N-Alkyl Dimethylbenzyl Ammonium Chloride	68391-01-5	PROP.	250 mg/Kg (LD50 Oral)
Polyethylene Mono(Nonylphenyl) Ether Glycols	9016-45-9	PROP.	Not Est.
(Ethylene Dinitrilo) Tetra Acetic Acid Tetrasodium Salt	64-02-8	PROP.	Not Est.
N-Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	68956-79-6	PROP.	250 mg/Kg (LD50 Oral)

### SECTION 3 - PHYSICAL DATA

**Boiling Point (°F):** 212  
**Vapor Pressure:** = To Water  
**Vapor Density:** = To Water  
**Solubility in Water:** Complete  
**Appearance:** Clear Dark Blue Liquid  
**Odor:** Pleasant

**Specific Gravity:** 1.043  
**Evaporation Rate:** = To Water

### SECTION 4 - FIRE AND EXPLOSION DATA

**Flash Point (°F):** None to boiling (TOC)  
**Flammable Limits:** N.A.  
**Unusual Fire & Explosion Hazards:** Heated material may liberate toxic fumes. Attempt to keep cool or remove from fire area.

### SECTION 5 - HEALTH HAZARD DATA

**Route(s) of Entry:** Inhalation: No Skin: Yes Ingestion: Yes **Threshold Limit Value:** Not Est.  
**Effects of Overexposure:** Causes skin and eye irritation. Harmful if swallowed. If ingested may cause toxic reaction and severe gastric distress.  
**Emergency & First Aid Procedures:** **For Eyes:** Flush eyes with water for at least fifteen minutes. If irritation persists seek medical attention. **For Skin:** Wash thoroughly with soap and water. If irritation persists seek medical attention. **If ingested:** Do not induce vomiting. Give milk, egg white, gelatin or if none of these are available give large quantities of water. Seek immediate medical attention.  
**Conditions Aggravated by Exposure:** May aggravate existing dermatitis and irritate sensitive skin.

**Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount):** None

### SECTION 6 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** None  
**Incompatibility:** Strong Acids and Oxidizers  
**Hazardous Decomposition Products:** Carbon Oxides  
**Hazardous Polymerization:** Will not occur.

### SECTION 7 - SPILL OR LEAK PROCEDURES

**Steps to be taken if material is released or spilled:** Recontainerize by mopping, wet vacuum, or using a suitable absorbent.  
**Waste Disposal Method:** Follow local, state, and federal regulations. See product label for EPA disposal requirements.

### SECTION 8 - SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Not required  
**Ventilation:** Local  
**Protective Gloves:** Latex or rubber  
**Eye Protection:** Goggles or safety glasses with side shields  
**Other Protective Equipment:** Rubber boots recommended if working in standing solutions.

### SECTION 9 - SPECIAL PRECAUTIONS

**Precautions to be taken in handling and storage:** Store between 40°F and 140°F.  
**Other Precautions:** It is a violation of federal law to use this product in a manner inconsistent with its labeling. Keep out of reach of children. For professional use only.

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Date Prepared – 10/05/00 By: G.C.