

# 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:** MICRO-CHEM PLUS 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:** Disinfectant Cleaner  
**D.O.T. Shipping Name:** N/A

**Product #:** 0255  
**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.                 |
| N-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride | 68956-79-6 | PROP.                 | 250 mg/Kg (LD50 Oral)    |

### SECTION 3 - PHYSICAL DATA

**Boiling Point (°F):** 212  
**Vapor Pressure:** 26 mm  
**Vapor Density:** = To Water  
**Solubility in Water:** Complete  
**Appearance:** Clear, Thin Yellow Liquid  
**Odor:** Citrus

**Specific Gravity:** 1.040  
**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:** None

### 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. May be harmful if swallowed. If ingested may cause severe gastric irritation and toxic reaction.  
**Emergency & First Aid Procedures:** **For Eyes:** Flush eyes with water for at least fifteen minutes and seek medical attention. **For Skin:** Flush skin thoroughly with 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 large quantities of water. Seek medical attention. Do not give anything by mouth to an unconscious person.  
**Conditions Aggravated by Exposure:** May aggravate dermatitis and cause irritation to sensitive skin.

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

### SECTION 6 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** None  
**Incompatibility:** Avoid contact with strong acids and oxidizers  
**Hazardous Decomposition Products:** Carbon Oxides and Amines  
**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. Be cautious of slippery floors.  
**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 120°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.