

# 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:** CITROL 100% Active / All Natural Citrus Degreaser Deodorant  
**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: 2 Reactivity: 0 Other: 0  
**Chemical Family:** Blended Citrus Terpenes and Surfactants  
**D.O.T. Shipping Name:** N/A

**Product #:** 1079, 1080  
**Emergency Phone #:** CHEM-TEL (800) 255-3924  
**Chemical Name:** Non Aqueous Citrus Degreaser  
**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)
(R)-1-Methyl 1-4-(1-Methylethenyl) Cyclohexene	5989-27-5	PROP.	Not Est.
Oil Of Orange	8008-57-9	PROP.	Not Est.
Polyethylene Mono(Nonylphenyl) Ether Glycols	9016-45-9	PROP.	Not Est.

### SECTION 3 - PHYSICAL DATA

**Boiling Point Range (°F):** Not Est. **Specific Gravity:** 0.845  
**Vapor Pressure:** Not Est. **Evaporation Rate:** Not Est.  
**Vapor Density:** Not Est.  
**Solubility in Water:** Disperses  
**Appearance:** Clear, Thin, Orange Liquid  
**Odor:** Strong Citrus

### SECTION 4 - FIRE AND EXPLOSION DATA

**Flash Point (°F):** 125 (TOC)  
**Flammable Limits:** Not Est.  
**Unusual Fire & Explosion Hazards:** Heated material may form explosive mixtures in air. If possible try to cool containers with water. If burning allow to burn to completion.

### SECTION 5 - HEALTH HAZARD DATA

**Route(s) of Entry:** Inhalation: Yes Skin: Yes Ingestion: Yes **Threshold Limit Value:** Not Est.  
**Effects of Overexposure:** May cause skin and eye irritation. Harmful if swallowed. If used without ventilation, may cause headache. If ingested may cause systemic intoxication and severe diarrhea.  
**Emergency & First Aid Procedures:** **For Eyes:** Immediately flush with water for at least fifteen minutes. If irritation persists seek medical attention.  
**For Skin:** Thoroughly wash skin with soap and water. If irritation persists, seek medical attention. **If ingested:** Do not induce vomiting. Give milk, egg white, gelatin, or if not available, water. Seek immediate medical attention. Never give anything my mouth to an unconscious person.  
**Conditions Aggravated by Exposure:** Can cause defatting of skin and aggravate pre-existing dermatitis.  
**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  
**Hazardous Polymerization:** Will not occur.

### SECTION 7 - SPILL OR LEAK PROCEDURES

**Steps to be taken if material is released or spilled:** Shut off source of ignition and ventilated area. Recontainerize by mopping, wet vacuum, or suitable absorbent. Rinse remaining material to drains.  
**Waste Disposal Method:** Follow local, state, and federal regulations.

### SECTION 8 - SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** If area is not ventilated wear organic vapor mask.  
**Ventilation:** Local  
**Protective Gloves:** Rubber or latex.  
**Eye Protection:** Goggles or safety glasses with side shields  
**Other Protective Equipment:** Rubber boots should be worn if working in standing solutions.

### SECTION 9 - SPECIAL PRECAUTIONS

**Precautions to be taken in handling and storage:** Store away from heat and sparks or open flames. Do not store as to obstruct exits. Store between 40°F and 120°F.  
**Other Precautions:** Remove contaminated clothing. Wash all contaminated clothing thoroughly before reuse. Keep out of reach of children. For professional use only.

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Date Prepared – 03/24/08 By: G.C.