

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 Natural Citrus Degreasing Deodorizer
Supplier's Name: National Chemical Laboratories of PA, Inc.
Supplier's Address: 401 N. 10th 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 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.

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions of handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the product's improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use or disposal of this product which may be covered by this MSDS. The user is responsible for full compliance.

Date Prepared – 10/05/00 By: G.C.