

**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:** RUFF N' READY Spray and Wipe Degreaser Cleaner  
**Supplier's Name:** National Chemical Laboratories of PA, Inc.  
**Supplier's Address:** 401 N. 10<sup>th</sup> Street · Philadelphia PA 19123  
**HMS Hazard Code:** Health: 2 Flammability: 0 Reactivity: 0 PPE: B  
**Chemical Family:** Cleaner Degreaser  
**D.O.T. Shipping Name:** N/A

**Product #:** 1070, 1071  
**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)
2-Butoxyethanol	111-76-2	PROP.	50 ppm

\* Subject to reporting requirements of Section 313 of Title III of S.A.R.A.

**SECTION 3 - PHYSICAL DATA**

**Boiling Point (°F):** 212     **Specific Gravity:** 1.010  
**Vapor Pressure:** = To Water     **Evaporation Rate:** = To Water  
**Vapor Density:** = To Water  
**Solubility in Water:** Complete  
**Appearance:** Clear, Thin, Pale Green Liquid  
**Odor:** Sassafras

**SECTION 4 - FIRE AND EXPLOSION DATA**

**Flash Point (°F):** None to boiling (TOC)  
**Flammable Limits:** Not Est.  
**Unusual Fire & Explosion Hazards:** Heated product may liberate toxic fumes. Wear self contained breathing apparatus.

**SECTION 5 - HEALTH HAZARD DATA**

**Route(s) of Entry:** Inhalation: No Skin: Yes Ingestion: Yes     **Threshold Limit Value:** Not Est.  
**Effects of Overexposure:** May cause skin and eye irritation. Harmful if swallowed. May cause gastric and mucosal irritation. May cause severe diarrhea.  
**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 water. If irritation persists seek medical attention. **If ingested:** Do not induce vomiting. Give large quantities of water. Seek medical attention. Never give anything by mouth to an unconscious person.  
**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:** 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:** Recontainerize by mopping, wet vacuum, or using a suitable absorbent. Rinse remaining material to drains. Be cautious of slippery floors.  
**Waste Disposal Method:** Follow local, state, and federal regulations.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Not required  
**Ventilation:** None  
**Protective Gloves:** Not required  
**Eye Protection:** Goggles or safety glasses with side shields.  
**Other Protective Equipment:** None

**SECTION 9 - SPECIAL PRECAUTIONS**

**Precautions to be taken in handling and storage:** Store between 40°F and 120°F.  
**Other Precautions:** Keep out of reach of children. For professional use only.

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Date Prepared – 04/15/09     By: G.C.