

**MATERIAL SAFETY DATA SHEET**MSDS Date: 6/28/02  
Supersedes: 6/9/99**Section 1: PRODUCT IDENTIFICATION**

**PRODUCT NAME:** Heavy Duty Liquid Truck Wash  
**PRODUCT DESCRIPTION:** A concentrated liquid truck washing detergent.  
**CHEMICAL FAMILY:** Liquid detergent  
**MANUFACTURER:** Scotch Plaid, Inc.

**Section 2: HAZARDOUS INGREDIENTS**

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
2-Butoxyethanol	111-76-2	<5%	25ppm	25ppm

**Section 3: PHYSICAL AND CHEMICAL DATA**

**BOILING POINT:** 212 °F  
**VAPOR PRESSURE:** N/A  
**VAPOR DENSITY:** N/A  
**SOLUBILITY IN WATER:** Complete  
**PHOSPHOROUS CONTENT:** <1.5%  
**APPEARANCE AND ODOR:** Red liquid with butyl odor.

**SPECIFIC GRAVITY:** 1.070  
**% VOLATILE BY VOLUME:** 75-85%  
**EVAPORATION RATE:** N/E  
**FREEZING POINT:** N/E  
**pH @ 100%:** 12.50-13.50

**Section 4: FIRE AND EXPLOSION HAZARDS**

**FLASH POINT:** >170°F  
**EXTINGUISHING MEDIA:** N/A  
**SPECIAL FIREFIGHTING PROCEDURES:** None  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**FLAMMABLE LIMITS:** None

**Section 5: HEALTH AND HAZARD DATA****EFFECTS OF OVEREXPOSURE:****INGESTION:** May cause nausea, vomiting, and diarrhea.**SKIN:** Prolonged exposure may cause irritation.**EYES:** Causes irritating burning sensation**INHALATION:** May cause dizziness or nausea over long periods of time.**IN ALL CASES:** Get prompt medical attention if effects persist. NEVER give anything by mouth to an unconscious person.**FIRST AID PROCEDURES:****INGESTION:** Consult doctor. Do not induce vomiting. Drink plenty of water.**SKIN:** Wash thoroughly with soap and water.**EYES:** Flush immediately with cool water for 15 minutes.**INHALATION:** Move to well ventilated area for fresh air.**Section 6: REACTIVITY DATA**

**STABLE:** X      **UNSTABLE:**  
**CONDITIONS TO AVOID:** Do not mix with anything but water.  
**INCOMPATIBILITY:** Strong oxidizing agents, aluminum and aluminum alloys  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide, CO, oxides of sulfur and nitrogen.  
**HAZARDOUS POLYMERIZATION OCCURS:** DOES NOT OCCUR: X

**Section 7: STORAGE, HANDLING AND USE****STEPS TO FOLLOW IF MATERIAL IS SPILLED OR RELEASED:** If not prohibited by fed, state, county, or local laws, absorb spill with absorbent material. Wash surface with plenty of water.**WASTE DISPOSAL METHOD:** Approved chemical dump.**HANDLING AND STORAGE:** Store away from open flame. Keep from freezing.**Section 8: PERSONAL PROTECTION INFORMATION****RESPIRATOR PROTECTION:** Not required under normal conditions**VENTILATION:** None**PROTECTIVE GLOVES:** Chemical resistant**EYE PROTECTION:** Safety glasses or goggles**OTHER EQUIPMENT:** Aprons if desired; not required under normal conditions.**Section 9: TRANSPORTATION & REGULATORY INFORMATION****D.O.T. CLASSIFICATION:** Not DOT regulated in non - bulk shipments.**CALIFORNIA PROP. 65:** This product contains traces of Ethylene Oxide (CAS 75-21-8)**FREIGHT BILL CLASSIFICATION:** Cleaning Compound**Section 10: OTHER INFORMATION****SPECIAL PRECAUTIONS:**

KEEP OUT OF REACH OF CHILDREN!

HMIS Ratings (0=Minimal, 1= Slight, 2=Moderate, 3=Serious, 4=Severe Hazard)

Health: 2      Flammability: 1      Reactivity: 0

N/A = Not Applicable    N/E = Not Established

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