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MATERIAL SAFETY DATA SHEET DATE PRINTED:12/23/2001

BP-1, GENERAL PURPOSE CLEANER  
DOT: NAERG-9 Guide # - 171

Hazardous Ingredients CAS Number/List	OSHA PEL ppm	ACGIH TLV ppm	%
2-Butoxyethanol (glycol ether) 111-76-2 (SARA 313)	25 (skin)	25 (skin)	4

Physical/Chemical Characteristics

Green liquid. Water soluble.  
Specific Gravity = 1.02

Fire Hazard Data

Flash Point not applicable. Water-based solution. May foam if water is added under pressure.

Reactivity Data

Stable. Hazardous decomposition products: CO, CO2. Will not polymerize.

Health Hazard Data

Routes of entry: Skin, inhalation and ingestion.  
Health Hazards: (acute) Irritant. Can cause irritation to skin, eyes, and gastrointestinal system. Skin penetrant. (chronic). Prolonged contact can dry skin. Overexposure to butoxyethanol can result in blood, lung and kidney damage.

Not listed as OSHA, NTP or IARC carcinogen.

Symptoms of exposure: Skin dryness.  
Condition aggravated by exposure: Dermatitis

Emergency and First Aid Procedures: Wash skin with water, and remove any wet clothing. Flush eyes with water for 15 minutes and get medical attention immediately. If swallowed, drink 2 glasses of water and call a physician at once.

BP-1, continuation

Precautions for Safe Handling and Use

For Spills: Use absorbent. Dike and recover spilled material. Rinse spill area with clear water. Keep out of drains and sewers.

Waste Disposal: Do not release to land, streams or surface waters. Review all local, state, and federal regulations for disposal procedures.

Precautions for Handling and Storing: No special storage requirements. Use eye and skin protection. Prevent splashing.

Control Measures

Respiratory Protection: Not applicable

Ventilation: Use in well ventilated area.

Protective Gloves: Wear waterproof gloves.

Eye Protection: Wear splash-proof goggles.

Other Equipment: As needed.

Work Practices: Prevent splashing. Wash hands after use and before eating or smoking.

EPA Supplier Notification

This mixture contains the following chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: 2-Butoxyethanol (glycol ether category). SARA 311/312 Hazard Categories: Immediate Health Hazard.

August, 1988  
Updated August, 1990  
BP-1 GP Cleaner

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