

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTIFY GMC HYDROSONIC CLEANER

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name GLOBAL MFG. CORP.	Emergency Telephone Number (414) 774-1616
Address 1829 South 68 Street West Allis, WI 53214 USA	Telephone Number for Information (414) 774-1616
Date Prepared 24 April 1993	Name of Preparer (optional) Richard J. Boyd PhD

Section II - Hazardous Ingredients/Identify Information**Hazardous Components (Specific Chemical Identify; Common Name(s))**

	CAS NO.	% BY WT	TLV	PEL	UNITS
Phosphoric acid (+)	0007664382	4-6	1	1	mg/m ³
2-Butoxyethanol (+) - (skin)	0000111762	1-2	25	50	ppm
Nonylphenoxy polyethoxyethanol	0009016459	<5	NE	NE	
Non-hazardous ingredients			Bal.		

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29 CFR 1910.1200).

(+) This product contains ingredient (s) identified in Section II with (+) which are subject to the reporting requirement of section 313 of SARA Title III and 40 CFR 372.

Section III - Physical/Chemical Characteristics

Boiling Point	NE	Specific Gravity (H ₂ O = 1)	1.345
Vapor Pressure (mm HG.)	NE	Bulk density	11.2 lb/gal
Vapor Density (AIR = 1)	> 1	Evaporation Rate (Butyl Acetate = 1)	< 1
Solubility in Water	Complete		
Appearance and Odor	Clear, green liquid; aromatic odor		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) NONE	Flammable Limits	LEL	UEL
		NA	NA

Extinguishing Media Use media suitable for surrounding materials

Special Fire Fighting Procedures Wear self-contained breathing apparatus (SCBA)

Unusual Fire and Explosion Hazards See Section VII (WHMIS) and Section VI (U.S.)

(Reproduce locally) NE - Not Established

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	Normally stable
	Stable ✓		

Incompatibility (*Materials to Avoid*) Contact with certain metals may yield Alkalies; explosive hydrogen gas.

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur Will Not Occur	Conditions to Avoid	Do not add to chlorine-releasing materials.
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Section VI - Health Hazard Data

Route(s) of Entry: Inhalation ✓ Skin ✓ Ingestion ✓
Health Hazards (*Acute and Chronic*) See below

Carcinogenicity NTP ✓ IARC Monographs ✓ OSHA Regulated

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.
Symptoms / Effects of Overexposure: Inhalation of mist may cause respiratory irritation with coughing, sneezing, salivation and difficulty breathing. Severe exposures may lead to chemical pneumonitis, skin irritation, or severe burns; burning sensation may be delayed. Eye contact may cause severe or permanent damage. This product contains 2-Butoxyethanol which has caused liver and kidney damage, hemolytic anemia and adverse reproductive effects in test animals. No evidence of adverse chronic respiratory exposure effects from current information.
EYES: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get prompt medical aid. **SKIN:** Immediately remove contaminated clothing. Wash skin with large amounts of water for at least 15 minutes. Get prompt medical attention. Wash clothing before reusing. **INGESTION:** Contact local poison control center or physician IMMEDIATELY! **INHALATION:** Move victim to fresh air and restore breathing if required. Stay with victim until emergency medical help arrives.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Clean up with inert absorbant material.

Store in container for disposal. Neutralize with soda ash or lime. Wash area.

Waste Disposal Method: In accordance with local, state, & Federal regulations.

Precautions to Be Taken in Handling and Storing: **Corrosive-** Store in closed container in cool well-ventilated area.

Other Precautions: Do not add to chlorine-releasing substances.

Section VIII - Control Measures

Respiratory Protection (*Specific Type*) If TLV exceeded, or overexposure occurs, wear NOOSH approved organic vapor respirator with a dust & mist pre-filter.

Ventilation	Local Exhaust ✓ If needed	Special
	Mechanical (General)	
Protective Gloves ✓	Eye Protection ✓	Other
Protective Clothing or Equipment - Apron		

Work/Hygienic Practices: Specific needs should be addressed by supervisory or health/safety personnel.