

**FOR CHEMICAL EMERGENCY**  
**Call INFOTRAC**  
**1-800-535-5053**  
**24 Hrs. per day, 7 days per week**

MSDS# PH01

EMERGENCY: phone number involving spill, leak, fire or accident:

INFOTRAC 800-535-5053

**MATERIAL SAFETY DATA**

(Prepared According to 29CFR 1910.1200)

**SECTION 1 -- PRODUCT IDENTIFICATION**

TELEPHONE: 800-877-1500

PRODUCT NAME: PHD GREASE REMOVER  
PRODUCT TYPE: HARD SURFACE  
COMPANY NAME: PIONEER MANUFACTURING COMPANY  
COMPANY ADDRESS: 4529 INDUSTRIAL PARKWAY CLEVELAND, OH 44135  
Proper Shipping Name: COMPOUND, CLEANING LIQUID, NOI

HMIS Rating      Health ... 1  
                         Fire ... 0  
                         Reactivity ... 0  
Personal Protection ... B

Formula Proprietary

Revision Date: 02/01

**SECTION 2 -- INGREDIENTS**

CHEMICAL NAME	CAS NO.	PERCENT WT	313 / CHEM	PEL	TWA-TLV	CARCINOGEN
WATER	7732-18-5	85 to 90	N			
S.T.P.	7758-29-4	0 to 5	N			NO
CHELATING AGENT	18662-53-8	0 to 5	N			NO
SURFACTANT	68604-71-7	0 to 5	N	N/A	N/A	NO
NONIONIC SURFACTANT	26027-38-3	0 to 5	N			NO
2 BUTOXYETHANOL	111-76-2	4.819	Y	25	25	NO
DYE	N/A	0 to 5	N			NO

This product contains materials subject to the reporting requirements of SARA,  
Section 313 Emergency Planning & Right-To-Know Act.

**SECTION 3 -- PHYSICAL DATA**

Boil Point 212  
Vapor Press.(mmhg) 20@68f  
Vapor Density (AIR=1) N/A  
Solubility In Water: CMP  
Appearance / Odor: YELLOW LIQUID/CHARACTERISTIC

Specific Gravity 1.01  
Volatile: 90  
pH 10  
Evap. Rate (H2O=1) 1-1

**SECTION 4 -- FIRE AND EXPLOSION DATA**

Flash Point: N/A (TCP)  
Flammable Limits: N/A  
Extinguishing Media: Non-Flammable  
Special Fire Fighting Procedures: N/A  
Fire, Explosion Hazards: N/A

**SECTION 5 -- REACTIVITY DATA**

Stability: STABLE  
Hazardous Polymerization: WILL NOT OCCUR  
Incompatibility: NONE KNOWN  
Hazardous Decomposition: NONE KNOWN

**SECTION 6 -- STORAGE AND HANDLING**

KEEP OUT OF THE REACH OF CHILDREN  
For sale to, use & storage by trained  
persons only

**SECTION 7 -- HEALTH AND FIRST AID**

EYES: May Cause eye irritation.

EYES: Flush eyes with large amounts of water. Consult  
physician if irritation continues.

SKIN: Flush with water.

SKIN: May cause skin irritation.

SKIN: Move person to fresh air. Consult physician

INHALATION:

INHALATION: Induce vomiting. Drink large quantities of water.  
Consult Physician.

INGESTION: May cause irritation to the Intestine, mouth, throat,  
& esophagus.

**SECTION 8 -- SPECIAL PROTECTION DATA**

Repository Protection: Adequate ventilation  
Ventilation as required to maintain TLV  
Protective Gloves: Rubber Gloves Recommended.  
Eye Protection: Safety Glasses Recommended

**SECTION 9 -- SPILL OR LEAK PRECAUTIONS**

Steps to be taken in case of spill or leak:  
Mop or absorb for disposal  
Waste disposal Method:  
Sewer or incinerate with local approval.

N/A = Not Applicable

CMP = Complete

END OF GENERATE