

SECTION I - IDENTITY

#180 GEO-CLEAN All Purpose Cleaner  
Hazardous - NO

PERMA Incorporated  
605 Springs Road  
Bedford, MA. 01730

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

Telephone Number for Information  
(978)667-5161

Date Prepared  
10/27/93

Prepared By T.PITROLFFY

4 = Most Hazardous  
Emergency Phone Number  
1-800-255-3924 or Poison Center

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components CAS Reg#	PEL --	TWA --	STEL --	Other Limits --	% (opt)
NOT A HAZARDOUS MATERIAL AS PER 29 CFR 1910, 1200 AND M.G.L. c. 111 F.					

\*LISTED CHEMICAL SUBJECT TO REPORTING REQUIREMENT OF SCT.313 OF TITLE III.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point	- 212	Specific Gravity(Water=1)	- 1.02
Vapor Pressure (mm Hg)	- 17	Melting Point	- NA.
Vapor Density (air=1)	- 1	Evaporation Rate(Butyl Acetate=1)	-0.3
Viscosity (CPS)	- NA.	Decomposition Temperature	- NA.
Auto Ignition Temp.	- NA.	Solubility in Water	-COMPLETE
pH	- 9.5 +/- .5		
Appearance and Odor	- GREEN LIQUID, PLEASANT ODOR.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point - N.A.

Extinguishing media - WILL NOT BURN.

Fire Fighting Procedure - NONE

Fire and Explosion Hazards - NONE

Flammable Limits  
LEL - N.A. UEL - N.A.

SECTION V - REACTIVITY DATA

Stability - STABLE  
Conditions to Avoid - N.A.

Incompatibility - ACIDS  
Hazardous Decomposition or Byproduct - N.A.

Hazardous Polymerization - WILL NOT OCCUR.  
Conditions to Avoid - N.A.

The information herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or results to be obtained from use thereof.  
Essentially similar to OSHA form # 174

SECTION VI - HEALTH HAZARD DATA

Routes of entry:  
Inhalation - NO Skin - YES Ingestion - YES  
Health Hazards-Acute: MAY IRRITATE EYES  
CHRONIC: NONE KNOWN

Carcinogenicity: N.A.  
NTP - NO IARC Monographs - NO OSHA Regulated - NO  
Signs and Symptoms of Exposure - MAY BE DEFATTING TO SKIN.

Medical Conditions Aggravated - NA

Emergency and First Aid Procedures - RINSE WITH WATER.  
IF DIGESTED INDUCE VOMITING WITH OIL OF IPECAC.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled - PICK UP WITH  
MOP OR WET VACUUM.

Waste Disposal Method - BIODEGRADABLE, DRAIN FLUSH.

Precautions to be Taken in Handling and Storage - PROTECT FROM FREEZING

Other Precautions - KEEP AWAY FROM CHILDREN.

SECTION VIII - CONTROL MEASURES

Respiratory Protection - N.A.

Ventilation Local Exhaust - N.A.  
Mechanical - N.A.  
Special - N.A.  
Other - N.A.

Protective Gloves - N.A.  
Eye Protection - N.A.  
Other Protection - NOT REQUIRED WHEN USED AS DIRECTED.

Work/Hygienic Practices - NA

SECTION IX - TRANSPORTATION

49 CFR

Unit Cont. - 55,30,5,1 GAL. PLASTIC CONT Report Qty. (Lbs) - NA.  
OSHA - NOT REGULATED Labels - NONE  
DOT - NOT REGULATED  
UN - NOT REGULATED

Vendor assumes no responsibility for injury to vendee or third person proximately caused if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Further more, vendee assumes the risk in use of the material.