

SECTION I - IDENTITY

#124 BIO-CLEAN Neutral Disinfectant
Hazardous - NO

PERMA Incorporated
605 Springs Road
Bedford, MA. 01730

Health	1
Flammability	1
Reactivity	0
Personal Protection	B

Telephone Number for Information
(978)667-5161

Date Prepared 01/24/97
Prepared By T. Pitrolffy

Emergency Phone Number
1-800-255-3924 or Poison Center

4 = Most Hazardous

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components	PEL	TWA	STEL	Other Limits	%
CAS Reg#	--	--	--	--	(opt)
No hazardous ingredients as defined in 441 CMR 21.07(1) and 29 CFR 1910.1200					

EPA Reg No.: 34273-1
*LISTED CHEMICAL SUBJECT TO REPORTING REQUIREMENT OF SCT.313 OF TITLE III.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point	- 210F	Specific Gravity(Water=1)	- 1.02
Vapor Pressure (mm Hg)	- 16	Melting Point	- NA
Vapor Density (air=1)	- 0.9	Evaporation Rate(Butyl Acetate=1)	-0.36
Viscosity (CPS)	- 10	Decomposition Temperature	- NA.
Auto Ignition Temp.	- NA.	Solubility in Water	-Complete
pH	- 7.0 +/- .5		
Appearance and Odor	-Green liquid, mint odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

Extinguishing media - Water spray, foam

Fire Fighting Procedure - Cool containers with water

Fire and Explosion Hazards - None

SECTION V - REACTIVITY DATA

Stability - Stable
Conditions to Avoid - Extreme heat

Incompatibility - Thermal decomposition may yield carbon monoxide
Hazardous Decomposition or Byproduct - NA.

Hazardous Polymerization - Will not occur
Conditions to Avoid - NA.

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 - No Ingestion - Yes
Health Hazards-Acute: ACUTE: Causes eye and skin irritation
CHRONIC: Redness of skin

Carcinogenicity:
NTP - N.A. IARC Monographs - N.A. OSHA Regulated - NO
Signs and Symptoms of Exposure - Itching, burning sensation

Medical Conditions Aggravated - N.A.

Emergency and First Aid Procedures - Wash contact areas with water for 15 min
Ingestion: Drink milk, water, fruit juice, induce vomiting with oil of ipecac. GET MEDICAL ATTENTION.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled - Dike, collect material into plastic container. Water rinse and drain flush small amounts

Waste Disposal Method - Use sanitary landfill disposal (not a hazardous waste). Do not contaminate water feed or food.

Precautions to be Taken in Handling and Storage - Store away from heat.
KEEP FROM FREEZING. Do not mix with other chemicals.

Other Precautions - Avoid food contamination
KEEP OUT OF THE REACH OF CHILDREN

SECTION VIII - CONTROL MEASURES

Respiratory Protection - Not required with normal use

Ventilation Local Exhaust - NA.
Mechanical - NA.
Special - NA.
Other - NA.

Protective Gloves - Required: Plastic, Neoprene, Rubber
Eye Protection - Recommended: Safety glasses
Other Protection - Apron or shop coat recommended

Work/Hygienic Practices - Do not eat next to material, wash hands after work

SECTION IX - TRANSPORTATION

49 CFR

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