FGAC1019 - POWER PUNCH 22, BEER LINE CLEANER
Material Safety Data Sheet

SECTION I - IDENTITY

POWER PUNCH 22, BEER LINE CLEANER
Hazardous - NO

PERMA Incorporated
605 Springs Road
Bedford, MA. 01730

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

4 = Most Hazardous

Telephone Number for Information
(978)667-5161

Date Prepared
01/02/96

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

Prepared ByT.PITROLFFY

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components / CAS Reg#	PEL ppm	TWA ppm	STEL ppm	Other Limits	% (opt)

DOES NOT CONTAIN HAZARDOUS INGREDIENTS AS PER 29CFR 1910. 1200. OR MGL 111 F.

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

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point - 212F
Specific Gravity(Water=1) - 1.11
Vapor Pressure (mm Hg) - 18.5
Melting Point - N.A.
Vapor Density (air=1) - 1.0
Evaporation Rate(Butyl Acetate=1) -0.3
Viscosity (CPS) - NA.
Decomposition Temperature - NA.
Auto Ignition Temp. - NA.
Solubility in Water -COMPLETE
pH - 13.0 +/-.5
Appearance and Odor -GREEN LIQUID, DETERGENT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

Extinguishing media - N.A.

Fire Fighting Procedure - N.A.

Fire and Explosion Hazards - NONE

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 - NO Ingestion - YES
Health Hazards-Acute: CAUSES EYE AND SKIN IRRITATION
CHRONIC: REDNESS OF SKIN

Carcinogenicity: NO
NTP - N.A. IARC Monographs - N.A. OSHA Regulated - NO
Signs and Symptoms of Exposure - ITCHING, BURNING SENSATION REDNESS

Medical Conditions Aggravated - SENSITIZED SKIN

Emergency and First Aid Procedures - WASH CONTACT AREAS WITH WATER FOR 15 MINUTES. INGESTION: GIVE MILK, WATER OR CITRUS 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 AND COLLECT MATERIAL INTO PLASTIC CONTAINER. WATER RINSE AND DRAIN, FLUSH SMALL AMOUNTS. (BIODEGRADABLE)
Waste Disposal Method - USE SANITARY LANDFILL DISPOSAL. (NOT A HAZARDOUS WASTE) FOLLOW STATE AND LOCAL REGULATIONS (RCRA; SUBTITLE D)

Precautions to be Taken in Handling and Storage -
DO NOT MIX WITH OTHER CHEMICALS.
AVOID PROLONGED CONTACT. KEEP FROM FREEZING.
Other Precautions - STORE IN SECURE AREA. AVOID FOOD CONTAMINATION.
KEEP OUT OF REACH OF CHILDREN !

SECTION VIII - CONTROL MEASURES

Respiratory Protection - NOT REQUIRED WITH NORMAL USE

Ventilation
Local Exhaust - N.A.
Mechanical - N.A.
Special - N.A.
Other - ASSURE FRESH AIR CIRCULATION.
Protective Gloves - REQUIRED: RUBBER, PLASTIC
Eye Protection - RECOMMENDED: SAFETY GLASSES
Other Protection - APRON RECOMMENDED

Work/Hygienic Practices - DO NOT EAT, DRINK NEXT TO MATERIAL.
WASH HANDS AFTER WORK.

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 responsiblity 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.