

## SECTION I - IDENTITY

#250 WATERLESS CLEANER  
 Hazardous - YES

PERMA Incorporated  
 605 Springs Road  
 Bedford, MA. 01730

Health	1
Flammability	2
Reactivity	0
Personal Protection	B

Telephone Number for Information (978)667-5161  
 Date Prepared 06/04/98  
 Prepared By A. Vadasz

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

## SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components	PEL	TWA	STEL	Other Limits	%
CAS Reg#	ppm	ppm			(opt)
Stoddard Solvent	500	100			< 98
CAS# 8052 - 41 - 3					

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

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point	- 290F	Specific Gravity(Water=1)	- 0.79
Vapor Pressure (mm Hg)	- 2.0	Melting Point	- N.A.
Vapor Density (air=1)	- 4.0	Evaporation Rate(Butyl Acetate=1)	-0.08
Viscosity (CPS)	- 5	Decomposition Temperature	-NA.
Auto Ignition Temp.	- NA.	Solubility in Water	-NEGLIGIBLE
pH - N.A.	+/-		
Appearance and Odor	-CLEAR LIQUID, AROMATIC ODOR		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point - TCC 104 F  
 Extinguishing media - CO2, FOAM, DRY CHEMICAL

Flammable Limits  
 LEL - 0.7 UEL - 6.0

Fire Fighting Procedure - COOL CONTAINERS WITH WATER, USE SELF CONTAINED BREATHING APPARATUS, BURNING PRODUCT IS TOXIC

Fire and Explosion Hazards - CLOSED CONTAINERS MAY BURST WHEN EXPOSED TO EXTREME HEAT. ISOLATE FROM HEAT, SPARKS, OPEN FLAME.

## SECTION V - REACTIVITY DATA

Stability - STABLE  
 Conditions to Avoid - HEAT, SPARKS, OPEN FLAME

Incompatibility - STRONG OXIDIZING AGENTS.  
 Hazardous Decomposition or Byproduct - THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE.

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 - YES Skin - NO Ingestion - YES  
 Health Hazards-Acute: CAUSES EYE IRRITATION, DRYING OF SKIN, DIZZINESS  
 CHRONIC: RESPIRATORY TRACT IRRITATION, DERMATITIS  
 TARGET ORGANS: SKIN, EYES, RESPIRATORY SYSTEM  
 Carcinogenicity: NO  
 NTP - N.A. IARC Monographs - N.A. OSHA Regulated - YES  
 Signs and Symptoms of Exposure - IRRITATION AND REDNESS OF SKIN, DIZZINESS

Medical Conditions Aggravated - DERMATITIS  
 BRONCHO-PULMONARY PROBLEMS

Emergency and First Aid Procedures - EYE&SKIN CONTACT: BLOT WITH TOWEL, FLUSH WITH LARGE QUANTITIES OF WATER. INHALATION: REMOVE TO FRESH AIR.  
 INGESTION: INDUCE VOMITING, GET IMMEDIATE 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 METAL CONTAINER. USE NON-SPARKING TOOLS. USE WATER OR FOAM SPRAY TO LESSEN FIRE HAZARD. USE ABSORBENT FOR SMALL SPILL.

Waste Disposal Method - RECYCLE, INCINERATE, OR USE HAZARDOUS WASTE MANAGEMENT FACILITY FOR DISPOSAL ACCORDING TO STATE AND FEDERAL REGULATIONS.  
 EPA WASTE NO. D001

Precautions to be Taken in Handling and Storage - COMBUSTIBLE, KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. USE ADEQUATE VENTILATION. AVOID PROLONGED OR REPEATED CONTACT.

Other Precautions - STORE IN SECURE AREA. DISPOSE OF EMPTY CONTAINERS SAFELY  
 KEEP OUT OF REACH OF CHILDREN

## SECTION VIII - CONTROL MEASURES

Respiratory Protection - USE SELF-CONTAINED BREATHING APPARATUS FOR CONCENTRATIONS ABOVE THRESHOLD LIMIT VALUE.

Ventilation Local Exhaust - RECOMMENDED  
 Mechanical - REQUIRED; EXCHANGE EVERY 10 -15 MIN.  
 Special - BLOW AIR INTO PITS AND DEPRESSIONS  
 Other - ASSURE FRESH AIR CIRCULATION

Protective Gloves - REQUIRED: RUBBER, PLASTIC  
 Eye Protection - REQUIRED: SAFETY GLASSES  
 Other Protection - APRON OR SHOP COAT RECOMMENDED

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

## SECTION IX - TRANSPORTATION

49 CFR

Unit Cont. - 55,30,5,1 GAL. METAL CONT.	Report Qty. (Lbs) - NA
OSHA - CLASS II. COMBUSTIBLE LIQUID	Labels - NONE
DOT - COMBUSTIBLE LIQUID-EXEMPT PER 49 CFR 173.150(f)	
UN - COMBUSTIBLE LIQUID-EXEMPT PER 49 CFR 173.150(f)	

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.