

#250 Waterless Cleaner MSDS

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FG0250

- #250 WATERLESS CLEANER

Material Safety Data Sheet

SECTION I - IDENTITY

#250 WATERLESS CLEANER		Hazardous -	YES
PERMA Incorporated 605 Springs Road Bedford, MA. 01730			
Telephone Number for Information (617)667-5161	Health	1	
Date Prepared 06/04/98	Flammability	2	
Prepared By A.Vadasz	Reactivity	0	
	Personal Protection	B	
	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	- TOC 104 F	Flammable Limits	
		LEL - 0.7	USL - 6.0
Extinguishing media	- CO2, FOAM, DRY CHEMICAL		

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

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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 MANAGE-
MENT 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.