

MANUFACTURERS NAME: **GUARD PRODUCTS INC.**
 ADDRESS: 980 77TH AVENUE OAKLAND, CA 94621
 BUSINESS PHONE: 510-635-4353
 NAME OF PREPARER: G.M. Westlund
 DATE PREPARED: 5/23/1996

I. GENERAL	
TRADE NAME #203	TELEPHONE NUMBERS
OTHER NAMES: Mixture-Water/surfactants/acids	EMERGENCY: CHEMTREC 1-800-424-9300 510-635-4353
DOT Hazardous Materials Proper Shipping Name Compound, cleaning liquid (contains phosphoric acid and citric acid) 8, NA1760	
CAS No. mixture	

II. SUMMARY OF HAZARDS	
Physical Hazards:	Acidic Liquid
Acute Health Effects:	Slightly corrosive to skin, eyes & respiratory tract.
Chronic Health Effects:	See section IV
HMIS Rating: Flammability:	<input type="text" value="0"/> Reactivity: <input type="text" value="0"/>
Health:	<input type="text" value="2"/> Personal Protection: <input type="text" value="C"/>
(4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant)	

III. FIRE AND EXPLOSION		
Flash Point (Method)	Autoignition Temperature	Flammable Limits (%Volume in air)
None	Unknown N/A	Lower- N/A Upper- N/A

FIRE AND EXPLOSION HAZARD N/A

EXTINGUISHING MEDIA			
Foam	<input type="text"/>	Water Spray	<input type="text"/>
CO2	<input type="text"/>	Dry Chemical	<input type="text"/>
		Other	<input type="text"/>

SPECIAL FIREFIGHTING PROCEDURES NA

IV. HEALTH HAZARDS	
INHALATION	Not expected to occur.
EYE CONTACT	Can cause irritation as any foreign body.
SKIN ABSORPTION	Not expected to occur
SKIN IRRITATION	Prolonged direct exposure may cause mild skin irritation.
INGESTION	Can cause nausea and diarrhea.
SUMMARY OF CHRONIC HAZARDS AND SPECIAL HEALTH effects	
None Known	

V. PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES	
RESPIRATORY	N/A
EYE	N/A
SKIN	For Sensitive Skin Use Chemical Resistant Gloves
ENGINEERING CONTROLS:	Page 1
OTHER HYGIENIC AND WORK	Train employees in proper handling procedures in this section before allowing them to work with this product.

PRACTICES Clean up spills immediately. Floors become slippery with even small amounts spilled.

VI OCCUPATIONAL EXPOSURE LIMITS

Substance	CAS No.	EXPOSURE LIMITS IN AIR		
		TWA MG/m3	STEL MG/m3	OTHER
Glycol Ether DPM	34590-94-8	100 PPM SKIN	100 PPM SKIN	rq 100#
CITRIC ACID	77-92-9	1 mg/m3	1 mg/m3	rq 1000#
PHOSPHORIC ACID	7664-38-2	1 mg/m3	1 mg/m3	rq 5000#

NOTE: This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

EMERGENCY AND FIRST AID

INHALATION No known effects
EYE Flush with water for at least 15 minutes. If irritation persists consult a physician.
CONTACT
SKIN Wash exposed area. Remove contaminated clothing and wash before reuse
CONTACT
INGESTION Call Physician immediately. Never give anything to an unconscious person.

VIII SPILL AND DISPOSAL

PRECAUTION Stop leak. Dam up area of spill. Dry floor with absorbant,
IF MATERIAL Shovel into metal or plastic lined containers. Keep area clear of
IS SPILLED OR traffic as the floor will be extremely slippery. Clean area with
RELEASED usual floor cleaner.

WASTE DISPOSAL METHODS DISPOSE ACCORDING TO LOCAL, STATE & FEDERAL REGULATIONS

The uncontaminated solution is biodegradable.

IX COMPONENTS (this may not be a complete list of components)

Component Name	CAS No.	Hazardous Component Advisory	Composition Amount-(Wt.)
CITRIC ACID	77-92-9		5-10%
PHOSPHORIC ACID	7664-38-2	#1,#4,	30-60%
Glycol Ether DPM	34590-94-8	#1,#4,	1-3%

*-SARA Title III

#Listed by: 1=OSHA(air) 2=OSHA(regulated substance) 3=NTP(carcinogens)
4=ACGIH(chemicals) 5=IARC(human carcinogens) 6=DOT hazardous materials

X PHYSICAL AND CHEMICAL DATA

Boiling Point	>212°F	Viscosity Units, Temp.(Method)	N/AP	Dry Point
Freezing Point	32°F	Vapor Pressure	Unknown	Volatile Characteristics
Specific Gravity (H2O=1)	1.05	Vapor Density (Air=1 @60-90°F)	Unknown	Stable X Unstable
Solubility in Water	Complete	pH -conctrte	1.0-2.5	Hazardous Polymerization
		pH -dilute		Will Not Occur
Other Physical and Chemical Properties			Evaporation Rate < water	
Appearance and Odor		clear liquid, mild acrid odor.		
Materials to Avoid		Strong Oxidizing Agents.		
Conditions to Avoid				
Hazardous Decomposition products		Carbon Dioxide, Carbon Monoxide		

XI ADDITIONAL PRECAUTIONS

HANDLING, STORAGE & DECONTAMINATION PROCEDURES:

Keep container closed when not in use to avoid contamination.

GENERAL COMMENTS: Page 2

DISCLAIMER OF LIABILITY

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