

# MATERIAL SAFETY DATA SHEET

**MANUFACTURERS NAME: GUARD PRODUCTS INC.**  
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**BUSINESS PHONE: 510-449-9097**  
**NAME OF PREPARER: G.M. Westlund**  
**DATE PREPARED: 11/19/01 (revised)**

<b>I. GENERAL</b>					
TRADE NAME <b>COOLSYN® #55/50</b>			TELEPHONE NUMBERS <b>EMERGENCY: 800-424-9300</b>		
OTHER NAMES: Mixture-Water/surfactants/soaps			<b>CHEMTREC</b> OFFICE: 510-449-9097		
CHEMICAL FAMILY See Above		DOT Hazardous Materials Proper Shipping Name <b>CLEANING COMPOUND ,NON-REGULATED MATER</b>			
GENERIC NAME		DOT Hazard Class <b>Not D.O.T. Regulated</b>			
CAS No. mixture	Company I.D. No.		UN/NA ID No.  NONE		
<b>II SUMMARY OF HAZARDS</b>					
Physical Hazards:		Minor Eye & Skin Irritant			
Acute Health Effects:					
Chronic Health Effects:		None Known			
Health:		1	Reactivity:		0
<b>HMIS Rating:</b> Fire:		0	Personal:		B
(4=Severe, 3=Serious, 2=Moderate, 1=Slight, 0=Insignificant)					
<b>III FIRE AND EXPLOSION</b>					
Flash Point (Method) None		Autoignition Temperature Unknown N/A		Flammable Limits (%Volume in air) Lower- N/A Upper- N/A	
FIRE AND EXPLOSION HAZARD		Under normal conditions no hazard is expected. Extreme heat can release carbon dioxide, carbon monoxide and oxides of nitrogen.			
EXTINGUISHIN MEDIA	Foam	x	Water Spray	x	Other
	CO2	x	Dry Chemical	x	
SPECIAL FIREFIGHTING Keep containers cool with water spray. PROCEDURES This product should not aggravate or feed a fire, precautions should be to wear self-contained, positive pressure breathing apparatus, and protective clothing. Vapors from combustion are irritating to the respiratory tract and may cause breathing difficulty and pulmonary edema.					

<b>IV HEALTH HAZARDS</b>	
INHALATION	N/A

MATERIAL SAFETY DATA SHEET				
EYE CONTACT	Can cause irritation as any foreign body.			
SKIN ABSORPTION	N/A			
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			
<b>V PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES</b>				
RESPIRATORY	With proper ventilation none needed, however if misting applications put exposure above the safe level(TLV), a NIOSH approved respirator is recommended.			
EYE	Chemical Goggles, Safety glasses			
SKIN	Chemical resistant gloves for sensitive skin			
ENGINEERING CONTROLS				
OTHER HYGIENIC AND WORK PRACTICES	Train employees in proper handling procedures in this section before allowing them to work with this product. Clean up spills immediately.			
<b>VI OCCUPATIONAL EXPOSURE LIMITS</b>				
	CAS No.	EXPOSURE LIMITS IN AIR		
Substance		ACGIH(TLV)	OSHA(PEL)	OTHER
Ester of dibasic and monobasic aci	mixture		none established	
Ethoxylated Acetylenic Diols	9014-85-1		none established	
Tetrasodium EDTA	64-02-8		none established	
Carboxylic Acid salt	none listed		none established	
Triethanolamine	102-71-6	5mg/M3	none established	
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. Contains no other additives known to be hazardous by OSHA 29 CFR 1910.1000 & 1200				

<b>EMERGENCY AND FIRST AID</b>	
INHALATION	No known effects
EYE CONTACT	Flush with water for at least 15 minutes. If irritation persists consult a physician.
SKIN	Wash exposed area. Remove contaminated clothing

CONTACT and wash before use MATERIAL SAFETY DATA SHEET

INGESTION Call Physician immediately. Never give anything to an unconscious person.

EMERGENCY MEDICAL TREATMENT PROCEDURES

**VIII SPILL AND DISPOSAL**

PRECAUTION IF MATERIAL IS SPILLED OR RELEASED Stop leak. Dam up area of spill. Dry floor with absorbant, Shovel into metal or plastic lined containers. Keep area clear of traffic as the floor will be extremely slippery. Clean area with 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 by weight
Carboxylic Acid salt	mixture	n/a	5-15%
Triethanolamine	102-71-6	n/a	10-25%
Tetrasodium EDTA	64-02-8	n/a	1-5%
Ester of dibasic and monobasic acids	mixture	n/a	1-5%
Ethoxylated Acetylenic Diols	9014-85-1	n/a	1-5%

\*\* RQ-1000#(reportable quantities) \*-SARA Title III \*\* RQ-5000#(reportable quantities)  
 #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) 1.025	Vapor Density (Air=1 @60-90°F) Unknown	Stable X Unstable
Solubility in Water Complete	pH -conctrte 8.5±0.4 pH -dilute 8.0±0.5	Hazardous Polymerization Will Not Occur
Other Physical and Chemical Properties		Evaporation Rate <water

Appearance and Odor	Clear/Amber liquid, no odor	MATERIAL SAFETY DATA SHEET
Materials to Avoid	Strong Oxidizing Agents.	
Conditions to Avoid		
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide, Oxides of nitrogen Hydrogen gas is created while machining aluminum.	
<b>XI</b>	<b>ADDITIONAL PRECAUTIONS</b>	
HANDLING, STORAGE AND DECONTAMINATION PROCEDURES		
GENERAL COMMENTS:		
	<i>DISCLAIMER OF LIABILITY</i>	
	<p>The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling storage, use or disposal of the product.</p>	

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