

MATERIAL SAFETY DATA SHEET

MANUFACTURERS NAME: **Clenacorp**
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 NAME OF PREPARER: **G.M. Westlund**
 DATE PREPARED: **5/2/2005**

I. GENERAL					
TRADE NAME Slick Rail Cleaner		TELEPHONE NUMBERS EMERGENCY: 800-424-9300			
OTHER NAMES: Mixture-Water/wax/surfactants		CHEMTREC			
CHEMICAL FAMILY See Above		DOT Hazardous Materials Proper Shipping Name CLEANING COMPOUND, NON-REGULATED MATER			
GENERIC NAME		DOT Hazard Class Not D.O.T. Regulated			
CAS No. mixture	Company I.D. No.	UN/NA ID No. NONE			
II. SUMMARY OF HAZARDS					
Physical Hazards: Minor Eye & Skin Irritant					
Acute Health Effects:					
Chronic Health Effects: None Known					
Health: <table border="1"><tr><td>1</td></tr></table>		1	Reactivity: <table border="1"><tr><td>0</td></tr></table>		0
1					
0					
HMIS Rating: Fire: <table border="1"><tr><td>0</td></tr></table>		0	Personal: <table border="1"><tr><td>B</td></tr></table>		B
0					
B					
(4=Severe, 3=Serious, 2=Moderate, 1=Slight, 0=Insignificant)					
III. FIRE AND EXPLOSION					
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.					
EXTINGUISHING MEDIA	Foam CO2	x	Water Spray Dry Chemical		
		x	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.					

IV. HEALTH HAZARDS	
INHALATION	N/A

EYE CONTACT	Can cause irritation as Material		
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		
V PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES			
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.		
VI OCCUPATIONAL EXPOSURE LIMITS			
	CAS No.	EXPOSURE LIMITS IN AIR	
Substance		ACGIH(TLV)	OSHA(PEL) OTHER
Ester of dibasic and monobasic acid wax emulsion	mixture		none established
Tetrasodium EDTA	64-02-8		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			

EMERGENCY AND FIRST AID	
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		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
wax emulsion	mixture	n/a	4-15%
Triethanolamine	102-71-6	n/a	3-6%
Tetrasodium EDTA	64-02-8	n/a	1-5%
Ester of dibasic and monobasic acids	mixture	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 pH -dilute	8.5±0.4	Hazardous Polymerization Will Not Occur		
Other Physical and Chemical Properties			Evaporation Rate <water		

Appearance and Odor	Viscous, colorless liquid	MATERIAL SAFETY DATA SHEET
Materials to Avoid	Strong Oxidizing Agents.	
Conditions to Avoid		
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide, Oxides of nitrogen	
XI	ADDITIONAL PRECAUTIONS	
HANDLING, STORAGE AND DECONTAMINATION PROCEDURES		
GENERAL COMMENTS:		
	<p style="text-align: center;">DISCLAIMER OF LIABILITY</p> <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>	