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For Emergency Assitance Call Infotrac **(800) 535-5053**

HAZARD RATING	FIRE /
4 = EXTREME	O REACTIVITY
3 = HIGH	0 0 0
2 = MODERATE	\ ' \ ' /
1 = SLIGHT 0 = INSIGNIFICANT	CITY 0
* = SEE SECTION IV	SPECIAL
" = SLL SLUTION IV	\/ ·

MATERIAL SAFETY DATA SHEET

PRODUCT NAME				SUED 02-26-9	3	CODE	DOT HAZARD			
LIQUID FORMULA "	K"		PREPARE	D BY		-	Not			
FORMIII A		CHEMICAL NAMES AND OI	R SYNONYI	MS	Silbaugh	005-0310	Regulated			
Proprietary Compound Cleaning Liquid										
I-COMPOSITIONAL INFORMATION/SARA III INFORMATION										
INGREDIENTS		CAS NUMBER	OCCUPATION EXPOUSURE LIMITS OSHA PEL ACGIH TLV OTHER			VAPOR PRESSURE WEIGHT mm Hg @ TEMP PERCENT				
Propylene Glycol Methyl Ether		107-98-2	None	ne 100 PPM None		12.5 68°F.				
		040 NOTE T								
No toxic chemical(s) subject to the reporting requirements of section 313 of Tittle III and 40 CFR 342. NOTE: The precise composition of this mixture is proprietary. A more complete description will be provided to a physician in the event of a medical emergency.										
II-PHYSICAL PROPERTY INFORMATION										
APPEARANCE and ODOR Water thin, clear blue liquid.										
MELTING POINT	BOILING POINT		COATING V.O.C.			EVAPORATION RATE				
Not Applicable		348° F.		Not Applicable		Slower than ether				
		SPECIFIC GRAVITY (Water = 1)		R DENSITY						
Complete 1.0 Not Applicable										
III-FIRE AND EXPLOSION HAZARD INFORMATION										
FLASH POINT	AUTO IGNITION TEMPERATURE		LOWER	LOWER EXPLOSION LIMIT (%)		UPPER EXPLOSION LIMIT (%)				
Not Applicable		Not Available		1.6%		18.8%				
EXTINGUISHING MEDIA X FOAM X CO2 X DRY CHEMICAL X WATER SPRAY OTHER										
SPECIAL FIRE FIGHTING PROCEDURES For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Read the entire MSDS.										
UNUSUAL FIRE AND EXPLOSION HAZ	ARDS	Noneknown								
		IV-HEALTH HAZA	RD INF	ORMATIO	N					
THRESHOLD LIMIT VALUE ROUTE		X INHALATION	X	SKIN	rdo	X INGESTION	zordo			
Not Established OF ENTRY: See Health Hazards See Health Hazards See Health Hazards See Health Hazards HEALTH HAZARDS (Acute and Chronic) CHRONIC EFFECTS OF EXPOSURE: None known *See Section IX.										
• • • • • • • • • • • • • • • • • • • •										
CARCINOCENICITY										
CARCINOGENICITY: Not considered to be a carcinogen NTP IARC Monographs X OSHA Regulated										
SIGNS AND SYMPTOMS OF EXPOSURE INHALATION: Vapors and mist can cause the following: - headache - nausea - irritation of nose, throat, and lungs. EYE CONTACT: Direct										
contact with the material may irritate the eyes. SKIN CONTACT: Prolonged or repeated contact may irritate the skin.										
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE None Known.										
EMERGENCY AND FIRST AID PROCEDURES EYES: If this chemical contacts the eyes, promptly wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention if any discomfort continues. Contact lenses should not be worn when working with this chemical. SKIN: If this chemical contacts the skin, flush the contaminated skin with water. Where there is evidence of skin irritation, get medical attention. INHALATION: If a person breathes large amounts of this chemical, move the exposed person to fresh air at once. Other measures are usually unnecessary. INGESTION: If this chemical has been swallowed, get medical attention immediately.										

V DEACTIVITY INICODIAATIONI								
V-REACTIVITY INFORMATION								
X STABLE UNSTABLE CONDITIONS TO AVOID None								
HAZARDOUS DECOMPOSITION PRODUCTS Mayliberate carbon monoxide or carbon dioxide.								
HAZARDOUS MAY WILL NOT CONDITIONS TO AVOID POLYMERZATION OCCUR X OCCUR Heat, sparks and open flame.								
INCOMPATIBILITY (Materials to avoid) Acids, oxidizing materials.								
VI-SPILL OR LEAK PROCEDURE INFORMATION								
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Stop the source of leak or release. Clean up releases as soon as possible, observing precautions in Special Protective Information. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.								
WASTE DISPOSAL METHODS Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental authorities for approved disposal of this material.								
VII-SPECIAL PROTECTION INFORMATION								
VENTILATION TYPE Local mechanical exhaust ventilation, capable of maintaining emissions at the point of use below the PEL.								
RESPIRATORY PROTECTION Wear a NIOSH-Approved respirator, appropriate for the concentration of vapor or mist encountered at the point of use.								
PROTECTIVE GLOVES Impervious EYE PROTECTION Wear eye protection to prevent any reasonable probability of eye contact.								
OTHER PROTECTIVE EQUIPMENT Wear appropriate equipment to prevent any repeated or prolonged skin contact.								
VIII - STORAGE AND HANDLING INFORMATION								
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Keep out of reach of children. Store in a cool dry place away from incompatible materials. Keep container tightly closed when not in use. Workers should wash promptly when skin becomes wet. The following equipment should be available: Eyewash. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of the injury.								
OTHER PRECAUTIONS Read and follow label instructions. The label contains information necessary for the proper use of the product. Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.								
IX-TOXICITY INFORMATION								
*HEALTH HAZARDS for Propylene Glycol Methyl Ether: INHALATION: The odor is objectionable at 100 PPM: higher levels produce eye, nose, and throat irritation and are intolerable at 1000 PPM. Anesthetic effects are seen at or above 1000 PPM. EYE CONTACT: May cause slight transient (temporary) eye irritation. Corneal injury is unlikely. SKIN CONTACT: Prolonged or repeated exposure may cause skin irritation. SKIN ABSORPTION: The LD50 for skin absorption in rabbits is approximately 12 ml/kg. Prolonged skin contact with very large amounts may cause drowsiness. SWALLOWING: Single dose oral toxicity is low. The oral LD50 for rats is 6.6 ml/kg. Small amounts ingested incidental to normal handling operations are not likely to cause injury. Swallowing amounts larger than that may cause injury. SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: Observations in animals include liver and kidney effects. Signs and symptoms of excessive exposure may be anesthetic or narcotic effects.								
X-MISCELLANEOUS INFORMATION								
Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and the removal of the material from eyes, skin and clothing.								
PRODUCT CODE NA = NOT AVAILABLE DATE OF ISSUE SUPERSEDES SIGNED 005-0310 NA = NOT AVAILABLE DATE OF ISSUE SUPERSEDES SIGNED								
The information contained herein is based on data considered accurate. However no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained								

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