

MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

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**IDENTITY: SURRENDER ANTI-SIEZE** Revision Date 3/20/97

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**Section I**

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Manufacturer's Name: Chem And Lube Telephone Numbers:  
Address: 1901 South 12th Street Emergency  
Allentown, PA 18103-4777 (610) 798-9222

HMIS CODES: Reactivity: 1 Flammability: 0 Health: 1 Personal Protect: 1

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**Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the ingredients contained in this product are listed on the TSCA inventory.)**

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Name	Case No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
NON-HAZARDOUS	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

**Comment:**

This product is classified as non-hazardous in accordance with the hazard communication standard, 29 CFR 1910.1200

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**Section III: PHYSICAL/CHEMICAL CHARACTERISTICS**

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Boiling Point:	532	Specific Gravity (water=1)	0.90
Vapor Pressure (mm Hg)	N/A	Melting Point:	N/A
Vapor Density (AIR=1)	N/A	Evaporation Point:	N/A
Solubility in Water:	0%	(Butyl Acetate=1)	
Appearance and Odor:	SILVER GRAY PASTE, ODORLESS		

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**Section IV: FIRE AND EXPLOSION HAZARD DATA**

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Flash Point (Method Used): None Flammable Limits: LEL: N/A VEL: N/A  
Extinguishing Media: None  
Special Firefighting Procedures: None

Unusual Fire and Explosion Hazards: KEEP AWAY FROM OXYGEN GENERATING MATERIALS.

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**Section V: REACTIVITY DATA**

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Stability:    Unstable:        Conditions to avoid:  
                  Stable: X        NONE KNOWN

Incompatibility (Materials to Avoid): PURE OXYGEN

Hazardous Decomposition or Byproducts: NONE KNOWN

Hazardous Polymerization:            May Occur                    Will Not Occur: X

Conditions to Avoid: NONE KNOWN

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**Section VI: HEALTH HAZARD DATA**

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Routes of Entry:                            Inhalation: No            Skin: Yes            Ingestion: Yes

Health Hazards (Acute and Chronic):

EYES: MILD IRRITATION.    SKIN: MAY CAUSE SLIGHT IRRITATION.

INGESTION: WILL CAUSE NAUSEA.

Carcinogenicity:

NIP: NO

IARC Monographs: NO

OSHA REG: NO

Signs and symptoms of exposure: SEE HEALTH HAZARDS

Medical conditions generally aggravated by exposure: NONE KNOWN

Emergency and First Aid procedures: **EYES:** FLUSH WITH WATER AND CONTACT PHYSICIAN.    **SKIN:** WASH WITH SOAP AND WATER AND CONTACT PHYSICIAN IF IRRITATION PERSISTS.    **INGESTION:** DO NOT INDUCE VOMITING. CONTACT PHYSICIAN IMMEDIATELY.

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**Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wipe up with rag or use some absorbent material to soak up spill. Wash area down with soap and Water.

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local guidelines. Do not reuse empty containers. Reseal container and place in trash collection. Drums should be offered for recycling.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store in area of excessive heat or open flame. Keep container tightly sealed.

Other Precautions: N/A

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**Section VIII: CONTROL MEASURES**

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Respiratory Protection: N/A

Protective Gloves: Recommended

Ventilation: N/A

Eye Protection: Recommended

Local Exhaust: N/A

Other Protective Clothing or Equipment: N/A

Mechanical: N/A

Work/Hygienic Practices: N/A

Special: N/A

Other: N/A