

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Product Name:** Sta-Plex™ Premium Red Grease  
**Product Number (s):** SL3190-SL3199

Manufactured By: CRC Industries, Inc. (215) 674-4300  
885 Louis Drive, Warminster, PA 18974  
24-Hour Emergency Information: CHEMTREC (800) 424-9300

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## Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Naphthenic Petroleum Distillate	64742-52-5	5 mg/m3	5 mg/m3	(mist)	30-60
Heavy Paraffinic Distillate	64742-65-0	5 mg/m3	NE5 mg/m3	(mist)	15-45
Lithium 12-Hydroxy Stearate	7620-77-1	NE	NE	NE	5 - 15
Ester Zinc Salts	68649-42-3	NE	NE	NE	1 - 5
1-Propene-2-methyl, sulfurized	68511-50-2	NE	NE	NE	1 - 5

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## Section 3: Hazards Identification

### Emergency Overview

Appearance & Odor: Red, semi-solid to solid grease with a faint petroleum odor.

### Potential Health Effects:

Inhalation: Heating can generate vapors that may cause respiratory irritation, nausea and headaches.  
Eyes: Irritation  
Skin: Drying  
Ingestion: Stomach ache and vomiting

Carcinogenicity: OSHA: No IARC: No NTP: No  
Chronic Overexposure: Unknown  
Medical Conditions Aggravated by Exposure: Pre-existing skin and pre-respiratory conditions.

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## Section 4: First Aid Measures

Inhalation: Remove to fresh air. Give artificial respiration if necessary.  
Eyes: Flush with large amounts of water for 15 minutes.  
Skin: Remove contaminated clothing and wash area with soap and water.  
Ingestion: Call a physician. Do not induce vomiting! Aspiration hazard.

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**Section 5: Fire-Fighting Measures**

Flashpoint: >400°F Method: COC LEL: ND UEL: ND

Extinguishing Media: CO<sub>2</sub>, dry chemical, foam  
Hazardous Combustion Products: CO<sub>2</sub> and carbon monoxide, oxides of sulfur  
Fire-fighting Instructions: Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting.

NFPA: Health: 1 Flammability: 1 Reactivity: 0  
HMIS: Health: 1 Flammability: 1 Reactivity: 0 PPE: B

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**Section 6: Accidental Release Measures**

Spill/Leak Procedures: Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

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**Section 7: Handling and Storage**

Handling Procedures: Keep closed when not in use. Use with proper ventilation, especially in elevated temperature conditions. Wash hands after use and before handling food.

Storage Procedures: Store in a cool, dry area. Store away from strong acids and oxidizers.

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**Section 8: Exposure Controls/Personal Protection**

Engineering Controls: Provide local ventilation adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Usually not necessary. Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus if vapor concentrations are above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

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**Section 9: Physical & Chemical Properties**

Physical State:	Semi-solid	Appearance & Odor:	Red, semi-solid to solid grease with a faint petroleum odor
Specific Gravity:	0.90 @ 60°F	Boiling Point:	ND
Freezing Point:	ND	Vapor Pressure:	< 0.01 mmHg
Evaporation Rate:	Negligible	Vapor Density (air = 1)	> than air
pH:	NA	Solubility:	Insoluble in water
Volatile Organic Compounds:%:	1.5	g/L: 14	lbs./gal: 0.12

Section 10: Stability and Reactivity

Stability: Stable Hazardous Polymerization: No  
Chemical Incompatibilities: Strong oxidizers.  
Conditions to Avoid: Temperature extremes  
Hazardous Decomposition Products: None

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Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

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Section 12: Ecological Information

Ecotoxicity: No data available.  
Environmental Fate: No data available for biodegradation.

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Section 13: Disposal Considerations

Disposal: This material if discarded as packaged is not a hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

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Section 14: Transportation Information

Shipping Name: Not Regulated  
Hazard Class: NA UN Number: NA Packing Group: NA  
Label: NA Placard: NA  
Special Provisions: NA

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Section 15: Regulatory Information

TSCA: All components are either listed under TSCA or are exempt.  
SARA Title III: Section 311/312: NA  
Section 313\*: Zinc compounds (< 5%)  
CERCLA/Superfund (RQ): NA  
Extremely Hazardous Substances: No  
California Prop 65: This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

\* See section 2 for percentage

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