

MATERIAL SAFETY DATA SHEET

BIG RED (+) PLUS

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER/SUPPLIER:

Chem and Lube
1901 South 12th Street
Allentown, PA 18103-4777

Emergency Spill Information:

1-800-255-3924 Chem-Tel (USA)

Other Product Information:

610-798-9222

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>Range % by wt.</u>
*Heavy Hydrotreated Naphthenic Distillate	6472-52-5	75-85
Olefin Copolymer		17-23
Base Oil	647141-88-4	
Polybutene	9010-79-1	
**Antimony dialkyldithiocarbamate	15890-25-2	2-3
Clay Thickener	none	1-5

*Regulated by OSHA

**Regulated under SARA Title III

3.0 HAZARDS IDENTIFICATION

Emergency Overview: This product has been evaluated and does not require any hazard warning on the label under OSHA criteria

Potential Health Effects:

Eye Contact: No significant health hazards identified.

Skin Contact: Prolonged or repeated contact may cause skin irritation.

Inhalation: No significant health hazards identified.

Ingestion: Do not take internally. Harmful or fatal if swallowed.

HMIS Code: (Health: 1) (Flammability: 1) (Reactivity: 0)

NFPA: (Health: 1) (Flammability: 1) (Reactivity: 0)

4.0 FIRST AID MEASURES

Eye: Flush eyes with plenty of water.

Skin: Wash exposed skin with soap and water. Get medical attention if irritation develops.

Inhalation: If adverse effects occur, remove to uncontaminated area. Get medical attention.

Ingestion: If a large amount is swallowed, get medical attention. Do not induce vomiting.

5.0 FIRE FIGHTING MEASURES

Flashpoint: 560°F

Method: C.O.C.

UEL: Not determined

LEL: Not determined

Autoignition Temperature: 600° F

Flammability Classification: Not Flammable.

Extinguishing Media: Agents approved for Class B (e.g., dry chemical, carbon dioxide, alcohol foam, foam), earth or sand or water fog.

Unusual Fire and Explosion Hazards: None identified.

Fire Fighting Equipment: Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

Special Fire Fighting Procedures: Water may cause frothing.

6.0 ACCIDENTAL RELEASE MEASURES

Remove any source of ignition. Absorb with dry inert material, sand clay, etc., and shovel up for disposal.

7.0 HANDLING AND STORAGE

Handling: No special requirements if handled with reasonable care.

Storage: Do not store in high temperature areas or where subject to open flames.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye: None required; however, use of eye protection is good industrial practice.

Skin: Wear protective gloves if prolonged or repeated contact is likely.

Inhalation: None required; however, use of adequate ventilation is good industrial practice.

Engineering Controls: Control airborne concentrations below the exposure guidelines.

Exposure Guidelines:

<u>Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
*Heavy Hydrotreated Naphthenic Distillate	64742-52-5	5 mg/m ³	5 mg/m ³ (oil mist)
Olefin Copolymer	proprietary	5 mg/m ³	5 mg/m ³ (oil mist)
**Antimony dialkyldithiocarbamate	15890-25-2	none	none
Clay Thickener	none	none	none

9.0 CHEMICAL AND PHYSICAL PROPERTIES

Appearance and Odor	: Red grease
pH	: Not determined
Vapor Pressure	: Not determined
Vapor Density	: Not determined
Boiling Point	: > 700° F
Melting Point	: Not determined
Solubility	: Nil
Specific Gravity	: 0.9100 (water=1)

10.0 STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Open flames.

Materials to Avoid: Avoid strong oxidizers.

Hazardous Decomposition: Oxides of carbon, nitrogen and sulfur if burned.

11.0 DISPOSAL INFORMATION

Disposal must be in accordance with applicable federal, state, or local regulations. Enclosed controlled incineration is recommended unless directed otherwise by applicable ordinances.

12.0 TRANSPORTATION INFORMATION

U.S. Department of Transportation

Shipping Name: not regulated

13.0 REGULATORY INFORMATION

SARA Title III Hazardous Categorization (40 CFR 370): Contains components regulated under SARA Title III.

OSHA Hazard Communication Standard: Contains components listed by OSHA.

Last Revision: 09/28/99

This material safety data sheet conforms to the requirements of ANSI Z400.1.

This material safety data sheet and the information it contains is offered to you in good faith as accurate. It may not be valid for this material if used in combination with any other material or in any other process. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his or her own particular use. Chem and Lube assumes no responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.