

MATERIAL SAFETY DATA SHEET

BIG 7 GEAR OIL

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 |
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2.0 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS #</u> | <u>Range % by wt.</u> |
|---|--------------|-----------------------|
| *Solvent-dewaxed Heavy paraffinic Distillate | 64742-62-7 | 50-65 |
| *Hydrotreated Bright Stock Base Lubricating Oil | 72623-83-7 | 35-50 |
| *Olefin Sulfide | 72162-26-6 | 4-10 |
| *&*&Toluene | 108-88-3 | .01-.09 |

*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: 400°F **Method:** C.O.C.

UEL: Not determined **LEL:** Not determined

Autoignition Temperature: Not determined.

5.0 FIRE FIGHTING MEASURES cont.

Flammability Classification: Not Flammable.

Extinguishing Media: Agents approved for Class B (e.g., dry chemical, carbon dioxide, foam, steam) 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.

Hazardous Combustion Products: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

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> |
|---|--------------------|------------------------|--------------------------------|
| *Solvent-dewaxed Heavy paraffinic Distillate | 64742-62-7 | 5 mg/m ³ | 5 mg/m ³ (oil mist) |
| *Hydrotreated Bright Stock Base Lubricating Oil | 72623-83-7 | 5 mg/m ³ | 5 mg/m ³ (oil mist) |
| *Olefin Sulfide | 72162-26-6 | none | none |
| *&*&Toluene | 108-88-3 | 100 ppm | 100 ppm |

9.0 CHEMICAL AND PHYSICAL PROPERTIES

| | |
|---------------------|----------------------|
| Appearance and Odor | : Dark amber liquid |
| pH | : Not determined |
| Vapor Pressure | : <.1 @ 20° C(mm Hg) |
| Vapor Density | : Not determined |
| Boiling Point | : > 700° F |
| Melting Point | : Not determined |
| Solubility | : Not determined |
| Specific Gravity | : 0.9 (water=1) |

10.0 STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None identified

Materials to Avoid: Avoid chlorine, fluorine, and other strong oxidizers.

Hazardous Decomposition: None identified.

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: 6/08/04

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.