

## MATERIAL SAFETY DATA SHEET

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This M.S.D.S. complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

### SECTION I - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: LubeZit

CHEMICAL FAMILY: A chemical blend / not established

PRODUCT USE: Tire Dismounting and Mounting Lubricant for OTR Tires

### SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

PRODUCT: Propylene Glycol Cas. No.: 57-55-6 30% by volume  
T.L.V. 50ppm c, OSHA & ACGIH @ > 99%

HEALTH: 1 HAZARD RATING SCALE: 0 = Minimal 3 = Serious  
FIRE: 0 1 = Slight 4 = Severe  
REACTIVITY: 0 2 = Moderate  
SPECIAL: None

### SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Green color, Odorless

BOILING POINT: 335 deg. F. @ 90 psi FREEZING STABILITY: Freeze/thaw stable

VAPOR PRESSURE: (mm Hg) Same as water VAPOR DENSITY: (Air = 1) Same as water

SPECIFIC GRAVITY: 11.05 EVAPORATION RATE: Same as water

SOLUBILITY: Extremely soluble

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: >500 deg. F (P.M.C.C. closed cup)

FLAMMABLE LIMITS: Unknown, not a flammable substance

UEL: Unknown LEL: Unknown

FIRE FIGHTING PROCEDURES: No special requirements indicated

UNUSUAL FIRE AND EXPLOSION HAZARDS: None believed to exist

### SECTION V - REACTIVITY DATA

STABILITY: Stable CONDITIONS TO AVOID: None known

INCOMPATIBILITY: None known HAZARDOUS POLYMERIZATION: Will not occur

## SECTION VI - HEALTH HAZARD AND FIRST AID DATA

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: None known      CARCINOGEN: None known

ROUTE OF ENTRY: Skin; Ingestion; Eyes

SKIN: Prolonged exposure could cause irritation or possible allergic reaction

FIRST AID PROCEDURES: Flush with water, wash with soap and water

INGESTION: Extremely unlikely; one known case in 25 years with no toxic reaction or after effects

Extreme quantity ingested (1 pint or more) could cause burning of esophagus, damage to liver or kidneys

FIRST AID PROCEDURES: Dilute by purging with water

EYES: Mild burning sensation, possible irritation

FIRST AID PROCEDURES: Flush liberally with water for 5 minutes or more, if soreness occurs seek medical assistance

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Open sores

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

PERSONAL PROTECTIVE EQUIPMENT: No special requirements.

GLOVES: Optional

RESPIRATOR: None required    EYES: Safety glasses

PRECAUTIONS IN HANDLING AND STORAGE: Containers should be rinsed with generous quantity of water before re-using.

SPILL PROCEDURES: Small spill: Mop up. Large spill: Disperse and dilute with copious supply of water, or pump into approved container.

WASTE DISPOSAL: Store in approved container and discharge only to authorized disposal service in compliance with federal, state and local regulations.

HANDLING, STORAGE AND SHIPPING PROCEDURES AND EQUIPMENT: No special requirements.

OTHER PRECAUTIONS: For industrial use; keep away from children.

The components of this mixture are listed in the Toxic Substances Control Act (TSCA) Inventory of Chemical Substances. This product contains the following chemicals that require export notification under section 12(b) of TSCA:

None

Tire Life products are also classified EAR 99, and such are not subject to any export control Laws.

### **CERTIFICATE OF INSURANCE AVAILABLE UPON REQUEST**

PREPARED BY: Fuller Brothers, Inc.    R&D Dept.    Phone: 503-657-9366

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