

**AIROSOL COMPANY, INC.**  
**MCKAY CHEMICALS** **MECHANICS BRAND**  
1101 Illinois, PO Box 120, Neodesha KS 66757 - Phone 620/325-2666

**MATERIAL SAFETY DATA SHEET**

**EMERGENCY INFORMATION**

MEDICAL: 1-800-633-9576

TRANSPORTATION: 1-800-535-5053

**SECTION ONE**

PRODUCT NAME: **CHAIN LUBE**  
PRODUCT CODE: **50633**  
ISSUE DATE: 05/17/95 Revised 10/14/99, 11/14/05, 5/16/2007, 3/26/2009

**SECTION TWO - HAZARDOUS COMPONENTS**

	EXPOSURE LIMITS	OSHA	ACGIH	%	CAS NO
Severely Solvent Refined Heavy Parraffinic Petroluem Oil	5 mg/m3	5 mg/m3	N/A	50-55	64741-88-4
Hydrotreated Bottoms	5 mg/m3	5 mg/m3	5 mg/m3	20-25	64742-57-0
Severely Solvent Refined Residuum	5 mg/m3	5 mg/m3	5 mg/m3	2-5	64742-01-4
Sulfurized Olefin	5 mg/m3	5 mg/m3	5 mg/m3	2-5	72162-26-6
Polybutenyl Succinimide/Amide Borate	5 mg/m3	5 mg/m3	5 mg/m3	2-5	84605-20-9
Lube Oil Additive containing Polyisobutylene in Oil	N/A	N/A	N/A	1-4	9003-27-4
Solution of Neutral Calcium Dialkene Benzene	5 mg/m3	5 mg/m3	N/A	5	68584-23-6
Sulfonate in Mineral Oil	N/A	N/A	N/A	<1	64742-55-8
Butane	800 ppm	800 ppm	800 ppm	5-10	106-97-8
Propane	1000ppm	1000ppm	1000ppm	10-15	74-98-6

ABBREVIATIONS: \*Stel (ACGIH-TLV) N/A: Not Applicable, ND: Not Determined, NE: None Established

**SECTION THREE - PHYSICAL DATA**

BOILING POINT: ND  
VAPOR DENSITY (AIR=1) Heavier than  
SOLUBILITY IN WATER % BY WT. Insoluable  
EVAPORATION RATE (BUTYL ACETATE=1): Faster Than  
APPEARANCE AND ODOR: Amber, petroleum odor

VAPOR PRESSURE (mmHg or psig @ 70°F): 75 psig  
SPECIFIC GRAVITY (H<sub>2</sub>O=1): Less than  
VOC CONTENT % BY WT: 20 %

**SECTION FOUR - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: ND  
EXTINGUISHING MEDIUM: Dry chemical, foam or carbon dioxide.

FLAMMABLE LIMITS: UEL Not available LEL Not available

**FIRE AND EXPLOSION HAZARD DATA:**

SPECIAL FIRE FIGHTING PROCEDURES: Treat as a petroleum fire. Do not use solid stream of water.

**PRODUCT NAME: CHAIN LUBE**  
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#### **SECTION FOUR - FIRE AND EXPLOSION HAZARD DATA (continued)**

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Firefighters should wear SCBA in positive pressure mode with full face shield. The flammable components are heavier than air and may travel long distances and accumulate in low areas or spread along ground from handling site. Eliminate all sources of ignition as vapor may ignite. Carbon oxides may be formed.

#### **SECTION FIVE - REACTIVITY DATA**

**STABILITY:** This product is stable, avoid open flames and high temperatures (above 120°F) and direct sunlight.

**INCOMPATIBILITY:** This product could react vigorously with oxidizing materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, fumes, smoke, carbon monoxide, sulfur oxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

#### **SECTION SIX - HEALTH HAZARD DATA**

##### **EFFECTS OF OVEREXPOSURE:**

**EYE CONTACT:** This product could cause mild irritation resulting in redness and tearing.

**SKIN CONTACT:** Skin irritation could occur if repeated lengthy contact occurs. Person with existing skin disorders are at times more sensitive to mineral oil; therefore, dermatitis might occur with contact of this product.

**SKIN ABSORPTION:** No evidence if skin absorption occurring.

**INGESTION:** Considered low order of toxicity.

**INHALATION:** Overexposure could cause respiratory tract irritation. Negligible hazard at ambient (-18 to 38C) or recommended blending temperature. Avoid breathing vapors or mists.

##### **EMERGENCY AND FIRST AID PROCEDURES**

**EYE CONTACT:** Immediately flush eyes with water for at least 15 minutes. Make sure each eyelid is lifted to allow complete rinsing of solution. Consult physician promptly.

**SKIN CONTACT:** Remove contaminated clothing and completely wash exposed areas with soap and water. Wash clothing before wearing.

**INHALATION:** Remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Call physician immediately if symptoms persist.

**INGESTION:** Unlikely, as an aerosol, but if ingested do not induce vomiting. Give 2 full glasses of water. Keep victim's head below hips or on their left side with their head down. Call physician or poison control center immediately.

#### **SECTION SEVEN - ENVIRONMENTAL AND DISPOSAL INFORMATION**

**ACTION TO TAKE FOR SPILLS/LEAKS:** Eliminate all sources of ignition, ventilate enclosed areas. Soap up with absorbent. Place in non-leaking containers for disposal.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state, and federal regulations.

#### **SECTION EIGHT - HANDLING AND STORAGE PRECAUTIONS**

Store in tightly sealed containers. Keep away from heat, sparks and open flame. Do not get in eyes, on skin or clothing.

**PRODUCT NAME: CHAIN LUBE**  
**PRODUCT CODE: 50633**

**SECTION EIGHT - HANDLING AND STORAGE PRECAUTIONS (continued)**

Do not breathe vapor, mist or gas. Do not store or transfer to unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Do not throw empty containers into fires. Read label completely before using.

**SECTION NINE - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION (SPECIFY TYPE):** Concentration in air determines protection needed. Use only NIOSH certified respiratory protection. Respiratory protection usually not needed unless product is heated or misted. Half mask air purifier, respirator with dust/mist filter or HEPA filter cartridge is acceptable to 10 times the exposure limit.

**VENTILATION:** Local mechanical exhaust ventilation capable of maintaining emissions at the point of use below the PEL/TLV.

**PROTECTIVE GLOVES:** Any lined non-permeable rubber gloves.

**EYE PROTECTION:** Chemical resistant safety glasses with protective side shields.

**OTHER PROTECTIVE EQUIPMENT:** Non-permeable clothing to protect all skin from liquid contact. Do not eat or drink around this product when using it. Wash exposed areas with soap and water when finished using.

**SECTION TEN - REGULATORY INFORMATION**

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:**

CHEMICAL	CAS NUMBER	CONCENTRATION %
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None listed

**FEDERAL EPA:** Comprehensive Environmental Response, Compensation, and Liability act of 1980 (cercla) requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (rqs) in 40 CFR 302.4.

CHEMICAL	CAS NUMBER	CONCENTRATION % UPPER BOUND	RQs IN #S
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None listed

**CALIFORNIA PROPOSITION 65:** None listed

**MASSACHUSETTS RIGHT TO KNOW:** Yes

Propane	74-98-6	10-15
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Butane	106-97-8	5-10
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**PENNSYLVANIA RIGHT TO KNOW:** Yes

Propane	74-98-6	10-15
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Butane	106-97-8	5-10
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**NEW JERSEY RIGHT TO KNOW:** Yes

Propane	74-98-6	10-15
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Butane	106-97-8	5-10
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**TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:** Listed

**CALIFORNIA VOC'S:** 20 %

**NFPA RATING AS AN AEROSOL:** Level 3

**HMIS: HEALTH REACTIVITY FLAMMABILITY**

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<b>SECTION TEN - REGULATORY INFORMATION (continued)</b>
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CARCINOGENITY      CHEMICAL      IARC      NTP      OSHA  
NOT LISTED  
CANADIAN WHMIS CLASSIFICATION:

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