

# Material Safety Data Sheet

Murphy's Black Tire and Tube Lubricant

Date of Revision: January 2013

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Murphy's Black Tire and Tube Lubricant

**Chemical Formula:** 2005-9R6

**Manufacturer:** JTM Products, Inc., 31025 Carter Street, Solon, OH 44139, Phone (440) 287-2302, FAX (440) 287-3095  
(CHEM-TEL 24-hour emergency: (800) 255-3924)

## Section 2 - Composition / Information on Ingredients

Blend of fatty oils, calcium alkyl carboxylate, mineral fillers, carbon black [CAS#1333-86-4] and graphite [CAS#7782-42-5].

## Section 3 - Hazards Identification

### ☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

#### Potential Health Effects

**Primary Entry Routes:** Not Hazardous as supplied

**Carcinogenicity:** IARC, NTP, and OSHA do not list the ingredients in Murphy's Black Lube as carcinogens.

<b>HMIS</b>
<b>H</b> 1
<b>F</b> 1
<b>R</b> 0
<b>PPE</b> †
†Sec. 8

## Section 4 - First Aid Measures

**Eye Contact:** Material is water insoluble. Wipe from eye, then contact a physician.

**Skin Contact:** Wipe material from skin, then wash with soap and water.

*If irritation persists, call a physician.*

## Section 5 - Fire-Fighting Measures

**Flash Point:** >220 °F (>104 °C)

**LEL:** NA

**NFPA**

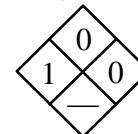
**Flash Point Method:** Tag, closed cup.

**UEL:** NA

**Autoignition Temperature:** NA

**Flammability Classification:** 0

**Extinguishing Media:** Water, water fog, alcohol foam, carbon dioxide or dry chemical are all suitable.



**Unusual Fire or Explosion Hazards:** None

**Hazardous Combustion Products:** None

**Fire-Fighting Instructions:** Do not release runoff from fire control methods to sewers or waterways.

**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

## Section 6 - Accidental Release Measures

### Spill /Leak Procedures:

**Containment:** For large spills, dike far ahead of spill for later disposal. This material is very viscous and therefore easy to contain. Large spills would be rare because of packaging sizes.

**Cleanup:** Place the bulk of any spilled material into drums. Clean up excess spill with an absorbent material and dispose of in accordance with any Federal, State and Local regulations.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

## Section 7 - Handling and Storage

**Handling Precautions:** No special precautions are required.

**Storage Requirements:** No special precautions are required.

**Regulatory Requirements:** No known regulatory requirement for handling and storage.

## Section 8 - Exposure Controls / Personal Protection

### Engineering Controls:

**Ventilation:** Provide general or local exhaust ventilation systems.

### Administrative Controls:

**Respiratory Protection:** If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

## Murphy's Black Tire and Tube Lubricant

**Protective Clothing/Equipment:** Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Contaminated Equipment:** Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

### Section 9 - Physical and Chemical Properties

<b>Physical State:</b> Paste	<b>Water Solubility:</b> not soluble in water
<b>Appearance and Odor:</b> black paste, bland odor	<b>Boiling Point:</b> >220 °F
<b>Vapor Pressure:</b> NA	<b>Freezing/Melting Point:</b> <32 °F
<b>Vapor Density (Air=1):</b> NA	<b>Viscosity:</b> viscous paste
<b>Formula Weight:</b> NA (blend)	<b>Refractive Index:</b> unknown
<b>Density:</b> 8.8 lbs./gal.	<b>Surface Tension:</b> unknown
<b>Specific Gravity (H<sub>2</sub>O=1, at 4 °C):</b> ~1.1	<b>% Volatile:</b> <5%
<b>pH:</b> N/A	<b>Evaporation Rate:</b> unknown

### Section 10 - Stability and Reactivity

**Stability:** Murphy's Black Tire and Tube Lubricant is stable at room temperature in closed containers under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization will not occur.

**Chemical Incompatibilities:**

**Conditions to Avoid:** Avoid contact with strong acids or bases and strong oxidizing agents.

**Hazardous Decomposition Products:** Thermal oxidative decomposition of Murphy's Black Lube can produce oxides of carbon and mineral dusts.

### Section 11- Toxicological Information

#### Toxicity Data:

**Eye Effects:** Eye irritant.

**Skin Effects:** Slight skin irritant if allowed to remain in contact.

### Section 12 - Ecological Information

**Ecotoxicity:**

**Environmental Fate**

**Environmental Transport:** Unknown.

**Environmental Degradation:** Unknown.

**Soil Absorption/Mobility:** Unknown.

### Section 13 - Disposal Considerations

**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

### Section 14 - Transport Information

Not hazardous under DOT regulations.

### Section 15 - Regulatory Information

**EPA Regulations:** None apply.

### Section 16 - Other Information

**Prepared By:** B. Noragon **Approved By:** B. Roll

**Disclaimer:** JTM PRODUCTS, INC. makes no warranty, expressed or implied, as to the accuracy, completeness, or reliability of information contained herein, except that such information is, to the best of JTM's knowledge and belief, accurate as of the date indicated. It is for the purchaser and/or user to decide whether this information is suitable for his purposes.

**revised 5/2006: John Cahoon/ revised2010: D Barrer; Reviewed January 2013.**