

Material Safety Data Sheet**Murphy's Black Tire and Tube Lubricant**

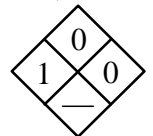
Date of Revision: January 2013

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.

HMIS
H 1
F 1
R 0
PPE †
†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)**Flash Point Method:** Tag, closed cup.**Autoignition Temperature:** NA**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.**LEL:** NA**UEL:** NA**Flammability Classification:** 0**NFPA****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

Physical State: Paste	Water Solubility: not soluble in water
Appearance and Odor: black paste, bland odor	Boiling Point: >220 °F
Vapor Pressure: NA	Freezing/Melting Point: <32 °F
Vapor Density (Air=1): NA	Viscosity: viscous paste
Formula Weight: NA (blend)	Refractive Index: unknown
Density: 8.8 lbs./gal.	Surface Tension: unknown
Specific Gravity (H₂O=1, at 4 °C): ~1.1	% Volatile: <5%
pH: N/A	Evaporation Rate: 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

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