

## Murphy's Tire & Tube Mounting Compound

Date of Preparation: March 2001/Revised June 2007

### Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Murphy's Tire & Tube Mounting Compound  
**Chemical Formula:** 93-10F  
**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 soap, corrosion inhibitors, and water.  
 Ethanol, 2,2'-iminobis- CAS #000111-42-2 May contain up to 0.03% by weight PEL NIOSH/CANADA = 3 ppm TWA and  
 CANADA = 6 ppm STEL revised June 2007 (D. Barrer)

### Section 3 - Hazards Identification

#### ☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

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

#### Potential Health Effects

**Primary Entry Routes:** Not Hazardous.

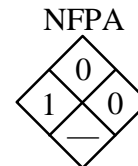
**Carcinogenicity:** IARC, NTP, and OSHA do not list the ingredients in Murphy's Tire & Tube Mounting Compound as carcinogens.

### Section 4 - First Aid Measures

**Eye Contact:** Flush with copious volumes of water for 15 minutes while holding eyelids open.  
**Skin Contact:** Wash with water. *If irritation persists, call a physician.*

### Section 5 - Fire-Fighting Measures

**Flash Point:** >220 °F (>104 °C) **LEL:** NA  
**Flash Point Method:** NA, contains water **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:** This product is a biodegradable soap.  
**Containment:** For large spills, dike far ahead of spill for later disposal.  
**Cleanup:** Place the bulk of any spilled material into drums, then rinse any remaining material to sewage treatment facility, in accordance with any applicable 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 Tire & Tube Mounting Compound

**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> complete solubility in water
<b>Appearance and Odor:</b> amber paste, bland odor	<b>Boiling Point:</b> >220 °F
<b>Odor Threshold:</b> NA	<b>Freezing/Melting Point:</b> <32 °F
<b>Vapor Pressure:</b> NA	<b>Viscosity:</b> viscous paste
<b>Vapor Density (Air=1):</b> NA	<b>Refractive Index:</b> unknown
<b>Formula Weight:</b> NA (blend)	<b>Surface Tension:</b> unknown
<b>Density:</b> 8.3 lbs./gal.	<b>% Volatile:</b> 55
<b>Specific Gravity (H<sub>2</sub>O=1, at 4 °C):</b> 1.0	<b>Evaporation Rate:</b> NA
<b>pH:</b> NA	

### Section 10 - Stability and Reactivity

**Stability:** Murphy's Tire & Tube Mounting Compound 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:** Reactive alloys such as aluminum, brass, bronze. Also avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products:** Thermal oxidative decomposition of Murphy's Tire & Tube Mounting Compound can produce oxides of carbon and nitrogen.

### 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:** Soaps are well known to be biodegradable.

**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 February 2005, Section 2 by John Cahoon; revised June 2007, section 1-3 (D. Barrer)**