

**SECTION 1 -- IDENTIFICATION****Trade Name:** Valve Lube Tube**Product No.:** 12M111**Supplier's Name:** Metalink Polymers and Adhesives**Emergency Phone:** 1-800-721-2448**Address:** P.O. Box 209, Buna, TX 77612**SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS****Ingredient:** Anhydrous Lanolin**CAS No.:** 8006-54-0**% by Weight:** 100%**SECTION 3 -- HAZARD IDENTIFICATION**

<b>OSHA/HCS status:</b>	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.
<b>Emergency overview:</b>	
Physical state	Solid (Waxy solid)
Color	Yellow
Odor	Fain odor
Health hazards	No specific hazard
<b>Potential acute health effects:</b>	
Routes of entry	Ingestion, skin contact
Eyes	No known significant effects or critical hazards
Skin	Exposure to high concentrations may result in health complaints. Prolonged or repeated exposure may be irritating (redness, pain).
Inhalation	No known significant effects or critical hazards.
Ingestion	Prolonged or repeated exposure may be irritating to mouth, throat and esophagus (sore throat, nausea).
<b>Medical conditions aggravated by overexposure:</b>	Not available
<b>Environmental effects:</b>	No known significant effects or critical hazards.

**SECTION 4 – FIRST AID MEASURES**

<b>Eye contact:</b>	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.
<b>Skin contact:</b>	Flush contaminated skin with plenty of water.
<b>Inhalation:</b>	No evidence of risk to humans.
<b>Ingestion:</b>	Drink one or two glasses of water and induce vomiting.

**SECTION 5 -- FIRE FIGHTING MEASURES**

<b>Auto-ignition temperature:</b>	Not available
<b>Flash point:</b>	Open cup: 287.78° C (550° F) (ASTM D92-66)
<b>Flammable Limits:</b>	Not available.
<b>Extinguishing media;</b>	Use water spray, dry chemical powder or carbon dioxide for extinction.
<b>Suitable:</b>	
<b>Not suitable:</b>	None known.
<b>Special exposure hazards:</b>	No specific hazard.
<b>Hazardous thermal decomposition products:</b>	Burning may produce: carbon monoxide, carbon dioxide and hydrocarbons.
<b>Special protective equipment for fire-fighters:</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
<b>Special remarks on fire hazards:</b>	Not available.
<b>Special remarks on explosion hazards:</b>	None.
<b>Fire hazard in the presence of var. substances:</b>	Not applicable.
<b>Explosion haz. in the presence of var. substances:</b>	Not applicable.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment. **Environmental precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). **Methods for cleaning up:** If emergency personnel are available, vacuum or carefully scoop up spilled material and place in an appropriate container for disposal by incineration. Avoid creating dusty conditions and prevent wind dispersal.

**SECTION 7 -- HANDLING AND STORAGE**

**Handling:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.  
**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

**SECTION 8 -- EXPOSURE CONTROLS AND PERSONAL PROTECTION**

<b>United States</b>	No exposure limit value known	<b>Consult local authorities for acceptable exposure limits.</b>
<b>Canada</b>	No exposure limit value known	
<b>Mexico</b>	No exposure limit value known	
<b>Engineering measures:</b>	Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.	
<b>Personal protective equipment:</b>		
Eyes	Safety glasses or goggles are recommended when handling this material.	
Skin	Synthetic apron.	
Respiratory	Respiratory protection is not required for use of this product.	
Hands	Rubber or other appropriate gloves should be worn to minimize contact.	
<b>Personal protection in case of a large spill:</b>	Wear suitable protective clothing, gloves and eye/face protection.	
<b>Hygiene measures:</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before re-using. Ensure that eyewash stations and safety showers are close to the workstation location.	

**SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state** : Solid. (Waxy solid)
- Color** : Yellow
- Odor** : Faint odor
- Molecular weight** : Not applicable
- Molecular formula** : Not applicable
- pH** : Not available
- Boiling/condensation point** : Decomposes
- Melting/freezing point** : Not available
- Explosive properties** : No specific hazard
- Specific gravity** : 0.9 (water = 1)
- Vapor pressure** : Not available
- Volatility** : Not available
- Odor threshold** : Not available
- Evaporation rate** : 0
- VOC** : 0 (g/l)
- Solubility** : Insoluble in the following materials: cold water
- Physical/chemical properties comments** : Not available
- Flash points** : Open cup: 287.78° C (550° F) (ASTM D92-66)
- Flammable limits** : Not available
- Auto-ignition temperature** : Not available

**SECTION 10 – STABILITY AND REACTIVITY**

- Stability and reactivity** : The product is stable under normal storage conditions.
- Incompatibility with various substances** : None
- Hazardous polymerization** : Will not occur
- Conditions to avoid** : Not applicable
- Materials to avoid** : Strong oxidizing materials
- Conditions of reactivity** : Not available
- Conditions of instability** : Not available

**SECTION 11 – TOXICOLOGY INFORMATION**

<b>Toxicity data:</b>	
<b>Other toxic effects on humans</b>	No specific information is available in our database regarding the other toxic effects of this material to humans.
<b>Specific effects:</b>	
<b>Carcinogenic effects</b>	No known significant effects or critical hazards.
<b>Mutagenic effects</b>	No known significant effects or critical hazards.
<b>Reproduction toxicity</b>	No known significant effects or critical hazards.
<b>Target organs</b>	None known.

**SECTION 12 – ECOLOGICAL INFORMATION**

<b>Environmental effects</b>	No known significant effects or critical hazards.
<b>Aquatic Ecotoxicity – Conclusion/Summary</b>	Not available
<b>Biodegradability – Conclusion/Summary</b>	Not available
<b>Octanol/water partition coefficient</b>	Not available
<b>Bioconcentration factor</b>	Not available
<b>Mobility</b>	Not available
<b>Toxicity of the products of biodegradation</b>	Not available
<b>Other adverse effects</b>	No known significant effects or critical hazards.
<b>Products of degradation</b>	Burning may produce: carbon monoxide, carbon dioxide and hydrocarbons

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**Waste disposal:** The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. **Consult your local or regional authorities.**

**SECTION 14 – TRANSPORT INFORMATION****Regulatory Information:**

<b>DOT Classification</b>	Not regulated
<b>TDG Classification</b>	Not regulated
<b>ADR/RID Class</b>	Not regulated
<b>IMDG Class</b>	Not regulated
<b>IATA-DGR Class</b>	Not regulated

**SECTION 15 – REGULATORY INFORMATION**

<b>United States:</b>	
<b>HCS Classification</b>	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.
<b>U.S. Federal Regulations</b>	TSCA 8(b) inventory: All the ingredients are on the TSCA list.
	<b>SARA 302/304/311/312 extremely hazardous substances:</b> No products were found.
	<b>SARA 302/304 emergency planning and notification:</b> No products were found.
	<b>SARA 302/304/311/312 hazardous chemicals:</b> No products were found.
	<b>SARA 311/312 MSDS distribution – chemical inventory – hazard identification:</b> No products were found.
	<b>Clean Water Act (CWA 307):</b> No products were found.
	<b>Clean Water Act (CWA) 311:</b> No products were found.
	<b>Clean Air Act (CAA) 112 accidental release prevention:</b> No products were found.
	<b>Clean Air Act (CAA) 112 regulated flammable substances:</b> No products were found.
<b>Clean Air Act (CAA) 112 regulated toxic substances:</b> No products were found.	
<b>State Regulations</b>	<b>Connecticut Carcinogen Report:</b> None of the components are listed.
	<b>Connecticut Hazardous Material Survey:</b> None of the components are listed.
	<b>Florida Substances:</b> None of the components are listed.
	<b>Illinois Chemical Safety Act:</b> None of the components are listed.
	<b>Illinois Toxic Substances Disclosure to Employee Act:</b> None of the components are listed.
	<b>Louisiana Reporting:</b> None of the components are listed.

	<b>Louisiana Spill:</b> None of the components are listed.
	<b>Massachusetts Spill:</b> None of the components are listed.
	<b>Massachusetts Substances:</b> None of the components are listed.
	<b>Michigan Critical Material:</b> None of the components are listed.
	<b>Minnesota Hazardous Substances:</b> None of the components are listed.
	<b>New Jersey Hazardous Substances:</b> None of the components are listed.
	<b>New Jersey Spill:</b> None of the components are listed.
	<b>New Jersey Toxic Catastrophe Prevention Act:</b> None of the components are listed.
	<b>New York Acutely Hazardous Substances:</b> None of the components are listed.
	<b>New York Toxic Chemical Release Reporting:</b> None of the components are listed.
	<b>Pennsylvania RTK Hazardous Substances:</b> The following components are listed: Lanolin.
	<b>Rhode Island Hazardous Substances:</b> None of the components are listed.
	<b>California Prop. 65:</b> No products were found.
<b>Canada:</b>	
<b>WHMIS (Canada)</b>	Not controlled under WHMIS (Canada). All the ingredients are on the DSL list.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

#### **SECTION 16 – OTHER INFORMATION**

The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the user. No suggestions for use are intended as, and nothing herein shall be construed as a recommendation to infringe any existing patents or violate any federal, state or local laws, rules, regulations or ordinances.