

**MATERIAL SAFETY DATA SHEET**

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**Vendor Update:** 4/7/2008  
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**MSDS Number:** WS140 ;

**I. CHEMICAL PRODUCT IDENTIFICATION**

**Product Name:** TUBE WAX LUBRICANT  
**HMIS Ratings:**  
**NFPA Ratings:**

**II. COMPOSITION, INFORMATION ON INGREDIENTS**

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
MULTIWAX	63231-60-7			2.0 MG/M <sup>3</sup> (AS WAX FUMES)			
Notes							
PETAMBER	8009-03-8						
Notes							
WHITE PARAFFIN	NO INFORMATION FOUND						
Notes							
TALLOW	91723-27-2						
Notes							

**III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY**

**Eyes:** YES, POSSIBLE EYE IRRITANT.  
**Skin:** YES, POSSIBLE SKIN IRRITANT.  
**Ingestion:** YES  
**Inhalation:** YES, (ACUTE) COUGHING OR SNEEZING.  
**Signs and Symptoms of Exposure:** COUGHING AND/OR SNEEZING IF DUST IS GENERATED DURING USE. POSSIBLE EYE OR SKIN IRRITANT.  
**Other:** CARCINOGENICITY:  
 NTP: NON-CARCINOGENIC  
 IARC MONOGRAPHS? NO  
 OSHA REGULATED? NO

**IV. FIRST AID MEASURES**

**Eyes:** FLUSH WITH WATER FOR 15 MINUTES; INCLUDING UNDER EYELIDS.  
**Skin:** FLUSH WITH WATER FOR 15 MINUTES.  
**Ingestion:** INDUCE VOMITING AND SEEK IMMEDIATE MEDICAL ATTENTION.  
**Inhalation:** REMOVE TO FRESH AIR.

**V. FIRE FIGHTING MEASURES**

- Flash Point:** 410 DEG. F
- Test Method:** ASTM D-92
- Lower Flammability Limit:** N/A
- Upper Flammability Limit:** N/A
- Extinguishing Agents:** FOAM, CARBON DIOXIDE, DRY POWDER OR WATER FOG.
- Unusual Fire or Explosion Hazards:** AVOID SPREADING BURNING LIQUID WITH WATER.
- Fire Fighting Procedures:** WEAR PROPER PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS. TOXIC VAPORS MAY BE RELEASED UNDER FIRE CONDITION.

**VI. ACCIDENTAL RELEASE MEASURES**

- Containment/Cleanup:** USE SUITABLE MEANS TO MINIMIZE DUST, (IE: VACUUM). DRY SWEEPING IS NOT RECOMMENDED.

**VII. HANDLING AND STORAGE**

- Other:** STORE AWAY FROM SOURCES OF IGNITION. DO NOT STORE NEAR HEAT SOURCES ABOVE 100°F.

**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Eyes:** SAFETY GOGGLES TO PROTECT THE EYES.
- Skin:** PROTECTIVE GLOVES: ADEQUATE TO PROTECT THE SKIN.  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:  
A SHOP COAT OR APRON TO PROTECT THE CLOTHING.
- Respiratory:** NIOSH APPROVED DUST RESPIRATOR.
- Engineering:** LOCAL EXHAUST: ADEQUATE TO REDUCE EXPOSURE TO BELOW LIMITS LISTED IN SECTION II; MECHANICAL (GENERAL): DUST COLLECTOR.  
OTHER: NO APPLICABLE INFORMATION FOUND.
- Other:** WORK/HYGENIC PRACTICES: WASH THOROUGHLY WITH SOAP AND WATER AFTER USE. FOLLOW ESTABLISHED SAFETY POLICIES.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance:** OFF WHITE COLOR
- Boiling Point:** N/A
- Solubility in Water:** INSOLUBLE
- Specific Gravity:** .905 TALLOW
- Vapor Pressure:** N/A
- Vapor Density:** N/A
- Other:** MELTING POINT: 41.7°C/107°F

**X. STABILITY AND REACTIVITY**

**Stability:** STABLE

**Hazardous Polymerization:** WILL NOT OCCUR

**Hazardous Decomposition Products:** NO APPLICABLE INFORMATION FOUND

**Incompatible Products:** NO APPLICABLE INFORMATION FOUND

**Conditions To Avoid:** KEEP AWAY FROM HEAT AND SOURCES OF IGNITION.

**XI. TOXICOLOGICAL INFORMATION**

**XII. ECOLOGICAL INFORMATION**

**XIII. DISPOSAL CONSIDERATIONS**

**Disposal Method:** ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

**XIV. TRANSPORT INFORMATION**

**XV. REGULATORY INFORMATION**

**XVI. OTHER INFORMATION**

**WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

