

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION		IDENTITY				
NFPA Rating: Health-1; Flammability-1; Reactivity-0; Special- Manufacturer's Name: H & B Industries, Inc., Address: 9758 Abernathy Ave. Dallas, TX 75220		HMIS Rating: Health-1; Flammability-1; Reactivity-0; Personal Protection-B DOT Identity HB-444 SILVER SPUR CHAIN & CABLE LUBRICANT				
Date Prepared: 02/05/05 Prepared By: ED Information Calls: 800/466/0855 EMERGENCY RESPONSE NUMBER: 800/535/5053		MSDS Number: HB-444 Revision - 2 NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA				
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
PETROLEUM OIL MIXTURE		8002-05-9	No	5mg/M3	5mg/M3	d
				TWA for oil mist	TWA for oil mist	
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: >450°F		Specific Gravity (H₂O=1): 0.88				
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A		Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): <0.01				
Vapor Density (Air = 1): 12		Evaporation Rate (BUAC = 1): <0.01				
Solubility in Water: Negligible		Water Reactive: No				
Appearance and Odor: Gun- metal grey with oil odor						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A FLASH POINT AND METHOD USED (non-aerosols): SPECIAL FIRE FIGHTING PROCEDURES: Self-contained		Auto Ignition Temperature N/A >400°F COC EXTI	Flammability Limits in Air by % in Volume: % LEL: N/D % UEL: N/D MEDIA: Dry chemical (preferred), carbon dioxide, foam, water.			
Unusual Fire & Explosion Hazards: Slight when exposed to heat or flame. Combustible at high temperatures.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY [X] STABLE [] UNSTABLE		HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR				
Incompatibility (Mat. to avoid): Chlorine or oxygen.		Conditions to Avoid: Oxidizing atmospheres.				
Hazardous Decomposition Products: Oxides of carbon.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [] INHALATION [] INGESTION [X] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS:						
Inhalation: May cause respiratory tract irritation.						
Eye Contact: May cause irritation.			Skin Contact: May cause irritation.			
Ingestion: May cause vomiting, nausea, diarrhea.						
CHRONIC EFFECTS: None noted.						
Medical Conditions Generally Aggravated by Exposure: None noted.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Wash with large amounts of water. If irritation persists, call a physician.						
Skin Contact: Remove contaminated clothing. Wash with soap and water.						
Inhalation: Remove to fresh air.						
Ingestion: DO NOT INDUCE VOMITING. Give 3-4 glasses of water. Seek medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): None required.						
Protective Gloves: Neoprene or plastic.			Eye Protection: Splash goggles or safety glasses.			
Ventilation Requirements: None required in excess to normal ventilation.						
Other Protective Clothing & Equipment: Oil resistant apron.						
Hygienic Work Practices: Do not work in oil soaked clothing. Wash after handling.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.						
Waste Disposal Methods: Dispose of in accordance with local, state and federal regulations.						
Precautions To Be Taken In Handling & Storage: Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.						
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Empty containers may contain explosive gas.						

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.
 ** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only