

MATERIAL SAFETY DATA SHEET

Manufacturer: Schaeffer Mfg. Company		Emergency Response Number:				
Address: 102 Barton Street		314-865-4105 (24-hr Emergency Response) or				
Address: St. Louis, MO 63104		800-325-9962				
SECTION 1 – PRODUCT INFORMATION						
Chemical Family: Petroleum Hydrocarbon and Additives		Trade Name: #271- #2 Synthetic Food Grade Grease H-1				
Formula: Technical white polyalphaolefin synthetic base fluids, bentone base thickeners, anti-wear agent, extreme pressure agent.						
SECTION 2 – HAZARDOUS INGREDIENTS						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m ³	ppm	mg/m ³
Zinc Oxide USP	1314-13-2	1-2		5		
Polyalphaolefin Synthetic Base Fluids	68037-01-4	30-40		5		5
Technical White Oils	8042-47-5	45-55		5		5
Proprietary Ingredients	Proprietary Mixture	5-10		NE		NE
Organophilic Clay	68911-87-5	5-10		NE		NE
Section 3 – PHYSICAL DATA						
Boiling Point:	500°F/260°C	Specific Gravity:	.0.99			
Vapor Pressure (mm, Hg):	Not Determined	% Volatile:	Not Determined			
Vapor Density (Air = 1):	Not Determined	Evaporation Rate: (=1)	Not Determined			
Solubility in Water:	Insoluble	pH:				
Appearance and Odor: White , greasy, semi-solid. Mild odor						
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method) °F/°C: Base Oil: 487°F/253°C C.O.C.		Flammability Limits UEL & LEL ---- Not Determined				
Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.						
Special Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined space without protective equipment including self-contained breathing apparatus.						
Unusual Fire & Explosion Hazards: None expected.						
SECTION 5 - REACTIVITY HAZARD DATA						
STABILITY	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE	Hazardous Decomposition <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
Conditions to Avoid: High heat, high energy ignition sources						
Incompatibility (Mat. to avoid): Strong oxidizers.						
Hazardous Decomposition Products: Carbon Monoxide and various hydrocarbons.						
Conditions to Avoid: None						
SECTION 6 - HEALTH HAZARD DATA						
Threshold Limit Value and Sources: 5.0/mg/m ³ for oil mist. OSHA & ACGIH.						
Acute Effects of Overexposure:						
Ingestion:	This product has an extremely low order of toxicity. Possible nausea or diarrhea if ingested.					
Eye Contact:	Possible irritation with repeated or prolonged contact.					
Skin Contact:	Primary hazard associated with grease in high pressure gun. If injected under the skin, necrosis could result. Possible irritation with repeated or prolonged contact.					
Inhalation:	Vapors can be given off under high heat conditions excessive breathing of vapors can cause irritation of the respiratory tract.					
CHRONIC EFFECTS OF OVEREXPOSURE: None currently known						
Emergency and First Aid Procedures:						
Swallowing:	If a large amount of this material is swallowed give a large amount of water to drink. Do not induce vomiting. Seek medical attention immediately.					
Skin:	Wash skin thoroughly with soap and water prior to eating or smoking. If grease is injected under the skin necrosis can occur. Immediately seek medical attention if the grease is injected under the skin.					
Inhalation:	Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately.					
Eyes:	Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately					
SECTION 7 – SPILL OR LEAK PROCEDURES						
Environmental Impact: This material is not expected to present any environmental problems other than those associated with oil spills. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802.						
Procedures To Be Taken if Material Is Released or Spilled: Immediately absorb spilled material with absorbent clay, diatomaceous earth or other suitable material. Keep out of sewers and waterways.						
Waste Disposal Method: Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations.						
SECTION 8 – SPECIAL PROTECTION INFORMATION						
Respiratory Protection: None needed under conditions of ordinary use.						
Ventilation: Adequate ventilation to control airborne concentrations below the exposure guidelines and limits						
Eye Protection: Goggles of face shield.						
Protective Clothing: Oil resistant or neoprene gloves						

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SECTION 9 – SPECIAL PRECAUTIONS	
Precautions To Be Taken In Handling and Storage: Do not store near heat, spark, flame or strong oxidizers. Keep containers closed when not in use. Store in a cool dry place with adequate ventilation.	
Special Comments: Remove oil soaked clothing. .Launder clothing before reuse. Wash skin thoroughly with soap and water after handling before eating, drinking, smoking, applying cosmetics or using toilet. Keep away from food and feed products	
Do not cut, drill, grind, or weld on or near empty or full containers. These activities can cause fire, explosion or toxic fumes from residues.	
SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA	
NFPA and HIMS Ratings Health = 0 Fire = 1 Reactivity = 0	
This grease meets the requirements of USDA 1998 H-1 requirements and CFR Title 21, paragraph 178.3570 of the Food and Drug Administration Regulations.	
This product does not contain any of the chemicals listed as causing cancer in the National Toxicology Program's Annual Reports, The International Agency for Cancer Research's Monographs and OSHA's 1910.10 Subpart Z list.	
This product does not contain any of the chemicals listed as cancer causing agents or reproductive toxins on the State of California's Proposition 65 list.	
SARA Title III Information: This product contains 1-2% Zinc Oxide CAS#1314-13-2 which is listed in Section 313 as Zinc and Zinc Compounds.	
All of the ingredients components in this material are on the US TSCA Inventory. All components in this material are in compliance with the Canadian Environmental Protection Act and listed on the Canadian DSL, the EC Seventh Amendment Directive 921321EEC, and are listed on the European EINECS, the Australian AICS, the Chinese Inventory and Korean Inventory	
This product is considered to be non-hazardous for transportation per current US Department of Transportation, IATA and IMDG regulations.	

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