

## MATERIAL SAFETY DATA SHEET

<b>Manufacturer:</b> Schaeffer Mfg. Company		<b>Emergency Response Number:</b>				
<b>Address:</b> 102 Barton Street		314-865-4105(24-hour emergency response				
<b>Address:</b> St. Louis, MO 63104		number) or 800-325-9962				
<b>SECTION 1 – PRODUCT INFORMATION</b>						
<b>Chemical Family:</b> Petroleum Hydrocarbons and Additives		<b>Trade Name:</b> #700 Supreme 7000 Synthetic Plus SAE 15W-40				
<b>Formula:</b> Proprietary Mixture						
<b>SECTION 2 – HAZARDOUS INGREDIENTS</b>						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Zinc C3-C14 Alkyldithiophosphate	Proprietary	0.8-1.6		NE		NE
Organomolybdenum complex of organic esters - Specific Chemical Identity Withheld as Trade Secret Specific Chemical Identity withheld (trade secret)		<1		10		15
Complex Mixture of Distillates,(petroleum), hydrotreated heavy paraffinic and Distillates,(petroleum) of solvent dewaxed heavy paraffinic and hydrotreated and severely hydrocracked base oils	8042-47-5 64742-46-7 64742-54-7 64742-65-0 72623-84-8 72623-85-9 72626-86-0 72623-87-1	60-70		5		5
Polyalphaolefin Synthetic Base Fluids	68037-01-4 68649-12-7	10-20				
Proprietary Additives	Mixture	20-25		NE		NE
<b>Section 3 – PHYSICAL DATA</b>						
<b>Boiling Point:</b>	600°F/315.5°C	<b>Specific Gravity:</b>	0.872			
<b>Vapor Pressure (mm, Hg):</b>	<.1	<b>% Volatile:</b>	Not Determined			
<b>Vapor Density (Air = 1):</b>	Not Determined	<b>Evaporation Rate: (=1)</b>	Not Determined			
<b>Solubility in Water:</b>	Negligible	<b>pH:</b>	Not Applicable			
<b>Appearance and Odor:</b> Blue green color, petroleum odor						
<b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>						
<b>Flash Point (Method) °F/°C:</b> 440°F/221°C C.O.C. (ASTM D-92)		<b>Flammability Limits UEL &amp; LEL</b> ----Not Determined				
<b>Extinguishing Media:</b> Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.						
<b>Special Fire Fighting Procedures:</b> For fires involving this material, do not enter any enclosed or confined space without protective equipment including self-contained breathing apparatus.						
<b>Unusual Fire &amp; Explosion Hazards:</b> Dense black smoke. This material will release vapors when heated above the flash point that can ignite when exposed to s source of ignition.						
<b>SECTION 5 - REACTIVITY HAZARD DATA</b>						
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE		<b>Hazardous Decomposition</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR				
<b>Conditions to Avoid:</b> High heat, high energy ignition sources						
<b>Incompatibility (Mat. to avoid):</b> Strong oxidizers and reducers.						
<b>Hazardous Decomposition Products:</b> Oxides of carbon, sulfur oxides, aldehydes and other products of incomplete combustion						
<b>Conditions to Avoid:</b> None						
<b>SECTION 6 - HEALTH HAZARD DATA</b>						
<b>Threshold Limit Value and Sources:</b> 5.0/mg/m <sup>3</sup> for oil mist. OSHA & ACGIH.						
<b>Acute Effects of Overexposure:</b>						
<b>Ingestion:</b>	Nausea and Diarrhea.					
<b>Eye Contact:</b>	Irritation and redness to eyes					
<b>Skin Contact:</b>	Prolonged and repeated contact with the skin can cause irritation and redness to skin.					
<b>Inhalation:</b>	Vapors can be given off under high heat conditions excessive breathing of vapors can cause irritation of the respiratory tract.					
<b>CHRONIC EFFECTS OF OVEREXPOSURE:</b> Prolonged or repeated skin contact may cause skin irritation						
<b>Emergency and First Aid Procedures:</b>						
<b>Swallowing:</b>	If conscious, give two glasses of water to drink. Do not induce vomiting. Seek medical attention immediately.					
<b>Skin:</b>	Wash skin thoroughly with soap and water. Launder contaminated clothing. Seek medical attention if irritation develops.					
<b>Inhalation:</b>	Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately.					
<b>Eyes:</b>	Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately					

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<b>SECTION 7 – SPILL OR LEAK PROCEDURES</b>	
<b>Environmental Impact:</b> 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.	
<b>Procedures To Be Taken If Material Is Released or Spilled:</b> Immediately absorb spilled material with absorbent clay or other suitable material. Keep out of sewers and waterways. Advise authorities if product has entered courses by diking or impounding.	
<b>Waste Disposal Method:</b> Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations. This product is not considered to be an RCRA hazardous waste.	
<b>SECTION 8 – SPECIAL PROTECTION INFORMATION</b>	
<b>Respiratory Protection:</b>	None required under ordinary conditions of use.
<b>Ventilation:</b>	Local exhaust to capture vapor mists if necessary.
<b>Eye Protection:</b>	Splash goggles or face shield when eye contact may occur.
<b>Protective Clothing:</b>	Oil resistant or chemical resistant gloves. Chemical resistant apron if needed to avoid contaminating regular clothing.
<b>SECTION 9 – SPECIAL PRECAUTIONS</b>	
<b>Precautions To Be Taken In Handling and Storage:</b> Do not store near heat, spark, flame or strong oxidizers. Keep containers closed when not in use.	
<b>Special Comments:</b> Remove oil soaked clothing, launder before reuse. Wash skin thoroughly with soap and water after handling. Keep away from food and feed products. Discard clothing and shoes if oil soaked.	
Empty drums and pails retain residue. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose this product's empty container to heat, flame, or other ignition source. DO NOT attempt to clean it. Empty drums and pails should be drained completely, properly banded or sealed and sent to a reconditioner.	
<b>SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA</b>	
<b>HMIS &amp; NFPA Ratings:    Health = 1            Fire = 1            Reactivity = 0</b>	
This product does not contain any of the chemicals listed on the National Toxicology Program Annual Reports on Carcinogens, The International Agency for Cancer Research Monographs and OSHA's 1910.10 Subpart Z List.	
This product does not contain any chemicals that are found on the State of California's Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.	
This product contains 0.8- 1.6% of Zinc and Zinc Compounds listed on the EPA's SARA Title III Section 313 lists.	
This product does not contain >1% of any components found on the SARA 302 and 304 lists.	
Used engine oil has been associated with skin cancer in laboratory animals following extended contacts.	
US DOT Status: Not regulated by the United States Department of Transportation as a hazardous material Proper Shipping Name: Not regulated Hazard Class: Not regulated UN/NA Number: Not regulated ICAO/IATA Status: Not regulated IMDG Status: Not Regulated Canada Transportation of Dangerous Goods: Not Regulated Mexico Transportation of Dangerous Goods: Not Regulated This product and/or its components are listed on the US TSCA Inventory. This product and/or its components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substance List. This product and/or its components comply with the European Union 7 <sup>th</sup> Amendment. All the components of this product are in compliance with the chemical notification requirements in Australia. All the components of this product are listed on the Inventory of Existing Chemical Substances in China. All components of this product are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990.	

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