

MATERIAL SAFETY DATA SHEET

Manufacturer: Schaeffer Mfg. Company		Emergency Response Number:				
Address: 102 Barton Street		314-865-4105 or				
Address: St. Louis, MO 63104		800-325-9962				
SECTION 1 – PRODUCT INFORMATION						
Chemical Family: Hydrocarbon		Trade Name: #4002 Bed Release Agent				
Formula: Proprietary Mixture						
SECTION 2 – HAZARDOUS INGREDIENTS						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m ³	ppm	mg/m ³
Light Naphthenic Distillate	64742-53-6	19-20		5		5
Technical White Mineral Oil	8042-47-5	50-52		5		5
Poly (oxy-1, 2-ethanediyl), alpha-(nonylphenyl-omega-hydroxy)	9016-15-9	5-7	NE		NE	
Glycol Ethers (fraction of product matching EPA definition)		.66-1.31	NE		NE	
Methyl Soyate	67784-80-9	17-19	NE		NE	
D-Limonene	5989-27-5	4-6	NE		NE	
Section 3 – PHYSICAL DATA						
Boiling Point:	>400°F/204.7°C	Specific Gravity:	.8767			
Vapor Pressure (mm, Hg):	Not Determined	% Volatile:	4-6%			
Vapor Density (Air = 1):	>4	Evaporation Rate: (=1)	Not Determined			
Solubility in Water:	Soluble	pH:	Not Applicable			
Appearance and Odor: Water White color, petroleum odor.						
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method) ° F° C: 270°F/132.22°C C.O.C. (ASTM D-92)		Flammability Limits UEL & LEL ----Not Determined				
Extinguishing Media: Carbon dioxide foam, dry chemical foam						
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: Slightly combustible. OSHA/NFPA Class III B combustible liquid. When heated above its flash point, this material will release flammable vapors which can burn or be explosive in confined spaces if exposed to an ignition source. Mists or sprays may be flammable at temperatures below the normal flash point.						
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: None.						
Incompatibility (Mat. to avoid): Strong oxidizers and reducers						
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide and products of incomplete combustion.						
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:	Nausea and Diarrhea.					
Eye Contact:	Irritation and redness to eyes and may cause swelling of the cornea.					
Skin Contact:	Prolonged and repeated contact with the skin can cause irritation and redness to skin.					
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: Personnel with pre-existing skin disorders should avoid contact with this product.						
Emergency and First Aid Procedures:						
Swallowing:	If conscious give two glasses of water to drink. Do not induce vomiting. Seek medical attention immediately.					
Skin:	Wash skin thoroughly with soap and water. Launder contaminated clothing.					
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 or other suitable material. Keep out of sewers and waterways. Shovel up and place in appropriate waste container.						
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. This product is not considered to be an RCRA hazardous waste.						
SECTION 8 – SPECIAL PROTECTION INFORMATION						
Respiratory Protection:	None required under ordinary conditions of use.					
Ventilation:	No special requirement under ordinary conditions of use and with adequate ventilation.					
Eye Protection:	Goggles or face shield.					
Protective Clothing:	Neoprene or oil resistant gloves.					

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SECTION 9 – SPECIAL PRECAUTIONS		
Precautions To Be Taken In Handling and Storage: Store as a Class III –B Combustible Liquid. Keep containers closed when not in use.		
Special Comments: Wash thoroughly with soap and water before eating, smoking, drinking or using toilet facilities. Throw away oil soaked shoes. Launder contaminated clothing before reuse.		
SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA		
HMIS & NFPA Ratings: Health = 1 Fire = 1 Reactivity = 0		
This product does not contain greater than 0.1% of 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 contains 0.66 ppm of residual Ethylene Oxide CAS#75-71-8, which is found on the State of California's Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.		
SARA Title III Information:		
This product contains .000066% of residual Ethylene Oxide CAS#75-71-8 and .66%-1.31% Glycol Ethers.		

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