

MATERIAL SAFETY DATA SHEET

Manufacturer: Schaeffer Mfg. Company Address: 102 Barton Street Address: St. Louis, MO 63104		Emergency Response Number: 314-865-4105 (24-hr emergency number) or 800-325-9962				
SECTION 1 – PRODUCT INFORMATION						
Chemical Family: Petroleum Hydrocarbons and Additives		Trade Name: 287 Food Grade Flushing 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
Synthetic Isoparaffinic Hydrocarbons	64741-65-7	10-20	100		500	2,900
White Mineral Oil	8042-47-5	80-90		5		5
Section 3 – PHYSICAL DATA						
Boiling Point:	>350 $^{\circ}$ F/176 $^{\circ}$ C		Specific Gravity:		0.8588.	
Vapor Pressure (mm, Hg):	Not Determined		% Volatile:		10-15	
Vapor Density (Air = 1):	Not Determined		Evaporation Rate: (=1)		Not Determined	
Solubility in Water:	Insoluble		pH:		Not Applicable	
Appearance and Odor: Clear color, hydrocarbon odor.						
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method) $^{\circ}$F/$^{\circ}$C: 248 $^{\circ}$ F/ $^{\circ}$ A 120C C.O.C.			Flammability Limits UEL & LEL ---- Not determined 0.6-7% for solvent portion of product.			
Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth						
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. Avoid breathing fumes						
Unusual Fire & Explosion Hazards: Dense black smoke and carbon monoxide. Vapors may be heavier than air and travel along the ground to a distant ignition source and flash back. Containers may rupture upon heating.						
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, sparks or open flame.						
Incompatibility (Mat. To avoid): Strong oxidizers.						
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.						
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:	If a significant amount is ingested, nausea and diarrhea can occur. Ingestion of product may also result in vomiting.					
Eye Contact:	Irritation and redness to eyes					
Skin Contact:	Prolonged and repeated contact with the skin can cause irritation and redness to skin.					
Inhalation:	Any mists or vapors that may given off can irritate the respiratory tract. If significant amount of vapors or mists are inhaled, headache, dizziness and nausea could occur.					
CHRONIC EFFECTS OF OVEREXPOSURE: None currently known						
Emergency and First Aid Procedures:						
Swallowing:	If a large amount of this material is swallowed give 1-2 oz. of activated charcoal in 2-4 oz. of olive and vegetable oil or give 2 large glasses of water. Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into lungs. Seek medical attention immediately.					
Skin:	Wash skin thoroughly with soap and water. Remove and launder contaminated clothing.					
Inhalation:	Remove victim to fresh air. If breathing is irregular or has stopped start artificial respiration immediately.					
Eyes:	Flush eyes with clear, cool, clean water for 15 minutes while holding the eyelids open. 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: Absorb spills with absorbent clay, kitty litter, Hi-Dri or other suitable material. Keep out of sewers and watercourses. Turn off all sources of ignition.						
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 expected to be a RCRA Hazardous waste.						
SECTION 8 – SPECIAL PROTECTION INFORMATION						
Respiratory Protection:	None required under ordinary conditions of use.					
Ventilation:	Use adequate explosion-proof ventilation to control concentrations below the exposure guidelines and limits					
Eye Protection:	Chemical splash 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: Do not store near heat, spark, flame or strong oxidizers. Keep containers closed when not in use.
Special Comments: Remove oil soaked clothing, launder before reuse. Throw away oil soaked shoes. Wash skin thoroughly with soap and water after handling.
SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA
HMIS AND NFPA RATINGS: Health =1 , Fire =1, Reactivity = 0
<p>This product meets the requirements of USDA 1998 H-1 and 21 CFR Paragraph 178.3570 of the Food and Drug Regulations.</p> <p>This product does not contain any of the chemicals listed as a cancer-causing agent in the National Toxicology Program's Annual Reports, The International Agency for Cancer Research's Monographs or OSHA's 1910.10 Subpart Z list.</p> <p>This product does not contain any of the chemicals listed on the State of California's Proposition 65 List as a suspected cancer causing agent or reproductive toxin.</p> <p>This product does not contain any of the chemicals that are listed on the EPA's SARA Title III Section 313 and CERCLA 302/304 lists.</p> <p>All of the ingredients of this product are on the US TSCA Inventory list and are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substance List.</p>

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