

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: Petroleum Hydrocarbons and Additives		Trade Name: #133 Spindle Cleaning Solution 200				
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
Petroleum Oils	64742-53-6	89-90				5
Oleic Acid	112-80-1	.5-2		NE		NE
Poly (oxy-1-2-ethanedyl), alpha-(nonylphenyl-omega-hydroxy)		9		NE		NE
Glycol Ethers (fraction of product matching EPA Definition)		.73-1.57		NE		NE
Section 3 – PHYSICAL DATA						
Boiling Point:	>600°F/315.5°C	Specific Gravity:	1.002			
Vapor Pressure (mm, Hg):	Not Determined	% Volatile:	NIL			
Vapor Density (Air = 1):	Not Determined	Evaporation Rate: (=1)	Not Determined			
Solubility in Water:	Emulsifiable	pH:	Not Applicable			
Appearance and Odor: Tan color, petroleum odor.						
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method) °F/°C: 331°F/166.1°C C.O.C. (ASTM D-892)		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: Dense black smoke.						
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: Extreme heat, high energy ignition sources.						
Incompatibility (Mat. to avoid): Strong oxidizing agents.						
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, aldehydes and ketones.						
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					
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: 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. 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, 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. 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:	Local exhaust ventilation.					
Eye Protection:	Chemical goggles or face shield.					
Protective Clothing:	Neoprene or oil resistant gloves.					
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: Wash skin thoroughly with soap and water after use or before eating, smoking, or using toilet facilities. Keep away from food and feed products.						

SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA

HMIS & NFPA Ratings: Health = 1 Fire = 1 Reactivity = 0

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 contains 6.6 parts per billion of residual ethylene oxide CAS#75-21-8 which belongs to a class of substance known to the State of California to cause cancer and/or reproductive toxicity.

For SARA Title III Information, see bottom of page.

All components in this product are listed on or are exempt from the Toxic Substance Control Act Chemical Substance Inventory.

SARA TITLE III INFORMATION

I. Section 302/304 Extremely Hazardous Substances

Component	CAS#	%	TPQ	RQ	RQ*
Residual Ethylene Oxide	75-21-8	.000085	100	10	1,515,151.5

II. Section 313 Toxic Chemical

Component	CAS#	%
Glycol Ethers		.73-1.57

III. CERCLA 102(a)

Component	CAS#	%	RQ	RQ (gals.)*
Glycol Ethers		.73-1.57	1	7.6-16.5
Ethylene Oxide	75-21-8	.000085	10	1,515,151.5

* Product RQ for Stationary Sources in case of a spill in order to release the Regulated Quantity (RQ) into the environment.

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