

# 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 Number)				
<b>Address:</b> St. Louis, MO 63104		or 800-325-9962				
<b>SECTION 1 – PRODUCT INFORMATION</b>						
<b>Chemical Family:</b> None		<b>Trade Name:</b> #131TT				
<b>Formula:</b> Proprietary Formulation						
<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>
Xylene	1330-20-7	0 - 40.8	100	434	100	435
Ethylbenzene	100-41-4	0 - 7.2	100	435	100	435
Naphthalene	91-20-3	0 – 0.1	25		25	
Proprietary Ingredients	Mixture – Trade Secret	52-85	NE		NE	
<b>Section 3 – PHYSICAL DATA</b>						
<b>Boiling Point:</b>	148°-198°C	<b>Specific Gravity:</b>	0.868			
<b>Vapor Pressure (mm, Hg):</b>	0.029psi @ 25°C	<b>% Volatile:</b>	Not Determined			
<b>Vapor Density (Air = 1):</b>	>1	<b>Evaporation Rate: (=1)</b>	Not Determined			
<b>Solubility in Water:</b>	Nil	<b>pH:</b>	9.5-10.7			
<b>Appearance and Odor:</b> Clear color. Amine like odor						
<b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>						
<b>Flash Point (Method) °F/°C:</b> 100°F/38°C PMCC (ASTM D-93)		<b>Flammability Limits UEL &amp; LEL ----</b> Not Determined				
<b>Extinguishing Media:</b> CO <sub>2</sub> , dry chemical foam, water-fog. Water or foam may cause frothing. Use water to cool exposed containers.						
<b>Special Fire Fighting Procedures:</b> Recommend wearing positive pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing..						
<b>Unusual Fire &amp; Explosion Hazards:</b> Toxic fume, gases, or vapors may evolve on burning. Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back. Oil soaked rags can cause spontaneous combustions if not handled properly. Before disposal, wash rags with soap and water and dry in a well ventilated area.						
<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> None						
<b>Incompatibility (Mat. to avoid):</b> Strong oxidizers						
<b>Hazardous Decomposition Products:</b> Oxides of carbon and nitrogen						
<b>Conditions to Avoid:</b> Open flames, high heat, high energy ignition sources						
<b>SECTION 6 - HEALTH HAZARD DATA</b>						
<b>Threshold Limit Value and Sources:</b> Use exposure limits found in Section 2- Hazardous Ingredients.						
<b>Acute Effects of Overexposure:</b>						
<b>Ingestion:</b>	Nausea, diarrhea, gastrointestinal irritation, nervous system depression with anesthetic effects, such as dizziness, Headache, confusion, incoordination and loss of consciousness.					
<b>Eye Contact:</b>	Severe eye irritation with tearing, reddening and swelling of the eye and surrounding tissues					
<b>Skin Contact:</b>	Prolonged and repeated contact with the skin may cause irritation and redness. Wear clothing that is wetted with this material may cause severe irritation and discomfort.					
<b>Inhalation:</b>	May cause irritation of the upper respiratory system, nausea, headache, drowsiness, incoordination and loss of Consciousness.					
<b>CHRONIC EFFECTS OF OVEREXPOSURE:</b> Overexposure to aromatic solvents may cause destruction of red blood cells with anemia, fever, jaundice, cardiac stress, kidney and liver damage or fatality from gross overexposure.						
<b>Emergency and First Aid Procedures:</b>						
<b>Swallowing:</b>	Do not induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person Seek medical attention immediately.					
<b>Skin:</b>	Wash skin thoroughly with soap and water. Discard contaminated clothing and shoes. Seek medical attention immediately. If irritation persists					
<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 while holding eyelids apart to ensure flushing of entire surface of the eye. Seek medical attention immediately					

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**SECTION 7 – SPILL OR LEAK PROCEDURES**

**Environmental Impact:** Large spills of this material that release the reportable quantity must be immediately reported to the National Response Center at 202-267-2675. If this material is spilled into a waterway or watercourse treat as an oil spill and immediately call the Coast Guard Toll Free Number (800) 424-8802..

**Procedures To Be Taken If Material Is Released or Spilled:** Evacuate all non-essential personnel, eliminate ignition sources and wear protective equipment. Shut off source of the leak only if safe to do so. Contain spill. Recover free product. To clean up residue, flush sparingly with water or use absorbent material. Avoid runoff to ground water. Surface waters and sewers. If required notify local. State and federal authorities.

**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 considered to be an RCRA hazardous waste due to its flammability D001

**SECTION 8 – SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Local exhaust or general ventilation. Where the potential for airborne exposures are in excess of Applicable limits wear NIOSH/MSHA approved respiratory protection.

**Eye Protection:** Chemical type goggles or face shield.

**Protective Clothing:** Oil and solvent impervious gloves. Do not wear rings, watches or similar apparel that could entrap the material and cause skin irritation. Wear impervious apron, pants, hood and jacket.

**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. Avoid inhalation of mists and vapors. Do not get on skin, eyes or clothing. Keep containers closed when not in use.

**Special Comments:** Avoid prolonged contact with skin. Wash thoroughly with soap and water before eating, drinking, smoking or using toilet facilities.

**SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA**

**HMIS & NFPA Ratings: Health = 2 Fire = 2 Reactivity = 0**

This product contains up to 7.2 % Ethylbenzene CAS # 100-41-4 which is listed in the International Agency for Cancer Research Monographs as possibly carcinogenic to humans (Group 2B) This IRAC Classification is based upon limited evidence of carcinogenicity to animals and inadequate evidence of carcinogenicity to humans.

This product contains up to 7.2%% of Ethylbenzene CAS #100-41-4, which is found on the State of California's Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.

**Note to Physicians: Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400-ml of water and mix thoroughly. Administer 5ml/kg or 350 ml for an average adult.**

**Because of danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances. Activated charcoal may induce vomiting, but may be given after emesis or lavage to absorb toxic additives. Steroid therapy in mild to moderate cases does not improve outcome. Bacterial pneumonia often occurs after exposure, but prophylactic antibiotics are not indicated and should be reserved for documented bacterial pneumonia.**

For SARA Title III Information: see the next page

All components 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 Substances List.

DOT Proper Shipping Name: Non-Bulk pint containers: – UN1993, Flammable Liquids, N.O.S., (Xylene, Ethylbenzene, Naphthalene), 3, PGIII, Limited Quantity

DOT Proper Shipping Name: 5 gallon, 30 gallon containers: UN1993, Flammable Liquids, N.O.S., ( Xylene, Ethylbenzene, Naphthalene), 3, PGIII

DOT Proper Shipping Name: 55 gallon containers: UN1993, Flammable Liquids, N.O.S., ( Xylene, Ethylbenzene, Naphthalene), 3, PGIII, RQ, (Xylene)

DOT Proper Shipping Name Bulk: 275 gallon intermediate bulk containers: UN1993, Flammable Liquids, N.O.S., ( Xylene, Ethylbenzene, Naphthalene), 3, PGIII, RQ, (Xylene)

DOT Proper Shipping Name Bulk: >1,900 gallons: UN1993, Flammable Liquids, N.O.S., ( Xylene, Ethylbenzene, Naphthalene), 3, PGIII, RQ, (Xylene, Ethylbenzene)

IMDG and IATA Description: 5 gallon pails, 30 drums: UN1993, Flammable Liquids, N.O.S. (Xylene, Ethylbenzene, Naphthalene), 3, PGIII, (Flash Point 38°C, PMCC)

IMDG and IATA Description: 55 gallon drums: UN1993, Flammable Liquids, N.O.S. (Xylene, Ethylbenzene, Naphthalene), 3, PGIII, RQ, (Xylene), (Flash Point 38°C, PMCC)

SARA Title III Information

I. Section 302/304 Extremely Hazardous

Component	CAS#	%	TPQ	RQ (lbs.)	TPQ (gal*)	RQ (gal*)
None						

II. CERCLA Section 102(a) & 302.4 Hazardous Substance & Section 313 Toxic Chemical

Component	CAS#	%	RQ (lbs.)	RQ (gals.)
Xylene	1330-20-7	0-40.8	100	34
Ethylbenzene	100-41-4	0-7.2	1000	1,918
Naphthalene	91-20-3	0-0.1	100	13,812

Section 313 Chemicals

Component	CAS#	%
Xylene	1330-20-7	0-40.8
Ethylbenzene	100-41-4	0-7.2
Naphthalene	91-20-3	0-0.1

\*Product RQ for Stationary Source to release Regulatory Requirement RQ as specified by CERCLA.

III. Title III Section 311 Hazard Categorization

Acute	Chronic	Fire	Pressure	Reactivity
X	X	X		

Although the information and recommendations set forth herein (hereafter referred to as information) are presented in good faith and believed to be accurate and factual as of the date hereof, Schaeffer Mfg. Company makes no representation as to the completeness or accuracy thereof. Information is supplied upon the condition that the person receiving the same will make their own determination as to its safety and suitability for their purposes prior to use. In no event will Schaeffer Mfg. Company be responsible for damages of any natures whatsoever resulting from the use or reliance upon information. **No representation or warranty, either expressed or implied, of merchantability or fitness for a particular purpose is made with respect to information of the product to which the information refers.**