

## 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 hr Emergency Response) or				
<b>Address:</b> St. Louis, MO 63104		800-325-9962				
<b>SECTION 1 – PRODUCT INFORMATION</b>						
<b>Chemical Family:</b> Petroleum Hydrocarbons		<b>Trade Name:</b> #137CT Carbon Treat (with EcoClean™)				
<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>
Xylene	1330-20-7	0.99-4.99	100	434	100	435
Light Aromatic Naphtha	64742-95-6	30-60			50	
1,2,4 Tri-methylbenzene	95-63-6	14.9-30	25	123	25	125
Aromatic Solvent Naphtha	64742-94-5	14.9-30	NE		50	
Naphthalene	91-20-3	0.09-0.99	10	52	10	50
<b>Section 3 – PHYSICAL DATA</b>						
<b>Boiling Point:</b>	338°F/170°C	<b>Specific Gravity:</b>	0.948			
<b>Vapor Pressure (mm, Hg):</b>	1.95 @ 20°	<b>% Volatile:</b>	100%			
<b>Vapor Density (Air = 1):</b>	4.5	<b>Evaporation Rate: (Butyl Acetate=1)</b>	0.25			
<b>Solubility in Water:</b>	Insoluble	<b>pH:</b>	Not Applicable			
<b>Appearance and Odor:</b> Clear amber color, aromatic odor.						
<b>SECTION 4 – FIRE AND EXPLOSION HAZARD DATA</b>						
<b>Flash Point (Method) °F/°C:</b> 158°F/70°C PMCC		<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. Cool exposed containers with waterspray. Avoid breathing fumes.						
<b>Unusual Fire &amp; Explosion Hazards:</b> Vapors may be heavier than air and travel along the ground to a distant ignition source and flash back. Containers may rupture upon heating.						
<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, open flames, sparks and static discharge.						
<b>Incompatibility (Mat. to avoid):</b> Strong oxidizing agents and acids.						
<b>Hazardous Decomposition Products:</b> Oxides of carbon and nitrogen and by-products of incomplete combustion.						
<b>Conditions to Avoid:</b> None.						
<b>SECTION 6 - HEALTH HAZARD DATA</b>						
<b>Threshold Limit Value and Sources:</b> None Established.						
<b>Acute Effects of Overexposure:</b>						
<b>Ingestion:</b>	Harmful if swallowed. Aspiration hazard. Can enter the lungs and cause damage.					
<b>Eye Contact:</b>	Slightly irritating to the eyes.					
<b>Skin Contact:</b>	Prolonged and repeated skin contact may cause redness, severe irritation and moderate irritation. Product may be absorbed through skin.					
<b>Inhalation:</b>	Inhalation of vapors can cause headache, dizziness, and nausea.					
<b>CHRONIC EFFECTS OF OVEREXPOSURE:</b> Repeated overexposure can cause liver and kidney damage.						
<b>Emergency and First Aid Procedures:</b>						
<b>Swallowing:</b>	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.					
<b>Skin:</b>	Remove contaminated clothing. Flush skin with plenty of water for 15 minutes. Wash skin thoroughly with soap and water.					
<b>Inhalation:</b>	Remove victim to fresh air. 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.					
<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> Eliminate all sources of ignition. Absorb spills with absorbent clay. Ventilate confined spaces. Keep out of sewers and watercourses.						
<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 expected to be an RCRA hazardous waste.						

Date Prepared: Rev. 06/05/2009

OF-1049 Rev. (1999)

SECTION 8 – SPECIAL PROTECTION INFORMATION		
<b>Respiratory Protection:</b> Use only with adequate ventilation. Use NIOSH/MSHA approved full face respirator with an organic cartridge if the recommended exposure limit is exceeded or when working with this material in a confined space.		
<b>Ventilation:</b> Use only with adequate ventilation. Use process controls, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Use explosion proof ventilation equipment.		
<b>Eye Protection:</b> Chemical resistant goggles or full face shield.		
<b>Protective Clothing:</b> Viton or Nitrile gloves. Wear long sleeve shirt or chemical protective suit and neoprene boots.		
SECTION 9 – SPECIAL PRECAUTIONS		
<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. Properly bond and ground containers and transferring equipment when transferring this product to different containers.		
<b>Special Comments:</b> This product is a combustible liquid. Avoid breathing vapors. Avoid prolonged or repeated skin contact. Remove contaminated shoes and clothing, launder before reuse. Throw away shoes. Wash skin thoroughly with soap and water after handling. Keep away from food and feed products		
SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA		
<b>HMIS &amp; NFPA Ratings:    Health = 2            Fire = 2            Reactivity = 3</b>		
Contaminated clothing should be disposed of properly and/or decontaminated before reuse. Under no circumstance should vomiting be induced. Vomiting can cause aspiration of the product into the lungs. If aspirated into the lungs, chemical pneumonia, which may cause death in spite of treatment with oxygen and antibiotics, may result.		
This product does contains 0.09-0.99% of naphthalene CAS number 91-20-3 which is listed as potential cancer causing agents as determined by the National Toxicology Program's Annual Reports, OSHA's Subpart Z List, or The International Agency for Cancer Research's Monographs.		
This product contains 0.09-0.99% of naphthalene CAS number 91-20-3 which is one of the chemicals that are listed on the State of California's Proposition 65 list as a potential cancer causing agent or reproductive toxin.		
For SARA Title III Information, see below.		
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.		
DOT Shipping Name: Bulk: NA1993 Combustible Liquid, N.O.S., (Light Aromatic Naphtha, solvent naphtha petroleum ), 3, PGIII		

SARA Title III Information

I. Section 302/304 Extremely Hazardous

Component	CAS#	%	TPQ	RQ (lbs.)	TPQ (gal*)	RQ (gal*)
-----------	------	---	-----	-----------	------------	-----------

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

Component	CAS#	%	RQ (lbs.)	RQ (gals.)
Xylene	1330-20-7	0.99-4.99	100	254
Naphthalene	91-20-3	0.09-0.99	100	1,280

Section 313 Chemicals

Component	CAS#	%
Xylene	1330-20-7	0.99-4.99
1,2,4-Trimethylbenzene	95-63-6	14.9-30
Naphthalene	91-20-3	0.09-0.99

\*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.**



