

MATERIAL SAFETY DATA SHEET

Manufacturer: Schaeffer Mfg. Company		Emergency Response Number:				
Address: 102 Barton Street		314-865-4105 (24-hour emergency number) or				
Address: St. Louis, MO 63104		800-325-9962				
SECTION 1 – PRODUCT INFORMATION						
Chemical Family: Petroleum Hydrocarbons and Additives		Trade Name: #163 RustStop Outdoor				
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
Mineral Spirits	8052-41-3	20-25	100		500	
Solvent Naphtha (Petroleum) Medium Aliphatic	64742-88-7	50	100		500	2,900
Section 3 – PHYSICAL DATA						
Boiling Point:	>212°F/100°C	Specific Gravity:	0.825			
Vapor Pressure (mm, Hg):	Not Determined	% Volatile (VOC Content):	70-75%			
Vapor Density (Air = 1):	>1	Evaporation Rate: (=1)	<1			
Solubility in Water:	Negligible	pH:	Not Applicable			
Appearance and Odor: Dark brown color, solvent odor.						
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method) °F/°C: 106°F/41°C PMCC		Flammability Limits UEL & LEL ---- 0.8 - 6% volume				
Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.						
Special Fire Fighting Procedures: Recommend wearing self-contained breathing apparatus for enclosed areas. Water may cause splattering..						
Unusual Fire & Explosion Hazards: This product is flammable. 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						
Incompatibility (Mat. to avoid): Strong oxidizing agents						
Hazardous Decomposition Products: Oxides of carbon and other organic compounds .						
Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources						
SECTION 6 - HEALTH HAZARD DATA						
Threshold Limit Value and Sources: Solvent portion 500 ppm for 8 hour work day. OSHA & ACGIH.						
Acute Effects of Overexposure:						
Ingestion:	Ingestion can lead to central nervous system depression, nausea, vomiting, loss of consciousness or even death.					
Eye Contact:	At high concentrations, vapors are irritating to the eyes. Direct contact produces severe irritation to the eyes.					
Skin Contact:	Prolonged and repeated liquid contact can cause defatting and dryness of the skin or dermatitis.					
Inhalation:	Irritation of the respiratory tract and mucous membranes. Inhalation may result in headache, dizziness, nausea, central nervous system depression or unconsciousness.					
CHRONIC EFFECTS OF OVEREXPOSURE: None currently known						
Emergency and First Aid Procedures:						
Swallowing:	If swallowed, seek medical attention immediately. Do not induce vomiting, even though vomiting may occur. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs.					
Skin:	Wash skin thoroughly with soap and water. Remove contaminated clothing.					
Inhalation:	Remove victim to fresh air. 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: May form explosive mixtures with air. Remove all ignition sources. Absorb spills with sawdust or absorbent clay. Ventilate confined spaces. 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. If discarded this product is expected to be a hazardous waste under RCRA due to its ignitability (D001).						
SECTION 8 – SPECIAL PROTECTION INFORMATION						
Respiratory Protection: None required under ordinary conditions of use. Use full face respirator with a combination organic vapor and high efficiency filter cartridge if the recommended exposure limits are exceeded.						
Ventilation: Use product in a well ventilated area only. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure levels.						
Eye Protection: Chemical goggles or full face shield.						
Protective Clothing: Long sleeve shirt is recommended. Wear a chemically protective apron when contact may occur with the product. Do not wear rings, watches or similar apparel that could entrap the material and cause a skin reaction. Use nitrile or neoprene gloves.						
SECTION 9 – SPECIAL PRECAUTIONS						
Precautions To Be Taken In Handling and Storage: Do not store near heat, spark, flame or strong oxidizers. Inside storage should be in a flammable liquids cabinet or storage area. Store in a cool, dry, well ventilated area. Keep container tightly closed when product is not used.						
Special Comments: This product is a flammable liquid. Avoid breathing vapors. Avoid prolonged or repeated skin contact. Remove solvent-contaminated clothing and shoes. Throw away solvent soaked shoes. Launder clothes before reuse. Wash thoroughly with soap and water after use.						

SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA

HMIS & NFPA Rating

Health = 1 Fire =2 Reactivity = 0

Contaminated clothing should be disposed of properly and/or decontaminated before reuse.

Under no circumstances should vomiting be induced. Vomiting can cause aspiration of the product into the lungs. If aspirated, chemical pneumonia, pulmonary coma and hemorrhage can occur.

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.

California Proposition 65:

This product does not contain any of the chemicals known by the State of California to cause cancer or birth defects.

SARA Title III Information:

This product does not contain greater than 1% (greater than 0.1% for carcinogenic substances) of any chemical substance on the SARA Extremely Hazardous, SAR Section 313 and CERCLA Hazardous Substances Lists.

All of the 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.

All of the components of this material are in compliance with the EC Seventh amendment Directive 92/32/EEC

Symbols (EU)



Precautionary Labels:

R10 – Flammable

R36/38 –Irritating to eyes and skin

R52 – Harmful to aquatic organisms

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S37/39 Wear Suitable gloves and eye/face protection

S61 – Avoid release to the environment

DOT Shipping Information – Non Bulk and Bulk: UN1993 Flammable Liquids, N.O.S. (Contains Mineral Spirits),3, PGIII

ICAO/IATA Shipping Information: UN1993 Flammable Liquids, N.O.S. (Contains Mineral Spirits),3, PGIII

IMDG: UN1993 Flammable Liquids, N.O.S. (Contains Mineral Spirits),3 PGIII, (Flash Point 41°C, PMCC)

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