

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: Pesticide mixture		Trade Name: #285 Fuel Shock - Pints		
Formula: Proprietary Formulation				
SECTION 2 – HAZARDOUS INGREDIENTS				
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits	
			TVL	
			ppm	mg/m ³
Disodium ethylenebisdithiocarbamate	142-59-6	10-30	NE	NE
Sodium Dimethyldithiocarbamate	128-04-1	10-30	NE	NE
Ethylene Thiourea	96-45-7	0.1-1	NE	NE
Section 3 – PHYSICAL DATA				
Boiling Point:	>212°F/100°C	Specific Gravity:	1.176	
Vapor Pressure (mm, Hg):	Not Determined	% Volatile:	Not Determined	
Vapor Density (Air = 1):	Not Determined	Evaporation Rate: (Air=1)	>1	
Solubility in Water:	Completely Soluble	pH:	10.5-12.4	
Appearance and Odor: Yellow-green liquid, sulfurous odor				
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA				
Flash Point (Method) °F/°C: >200°F/>93°C PMCC		Flammability Limits UEL & LEL ----Not Applicable		
Extinguishing Media: Carbon dioxide foam, dry chemical foam, waterfog.				
Special Fire Fighting Procedures: Wearing self contained breathing apparatus is required. Water spray may be used to cool containers				
Unusual Fire & Explosion Hazards: None				
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: Mixing with acids can cause the release of flammable gases.				
Incompatibility (Mat. to avoid): Strong oxidizing agents, metals, acids				
Hazardous Decomposition Products: Carbon disulfide and amines				
SECTION 6 - HEALTH HAZARD DATA				
Threshold Limit Value and Sources: Unknown. None established by OSHA & ACGIH.				
Acute Effects of Overexposure:				
Ingestion:	Harmful or fatal if swallowed. Nausea, dizziness and difficulty in breathing.			
Eye Contact:	Moderately irritating to the eyes			
Skin Contact:	Moderately irritating to the skin. Product can be absorbed through skin. Corrosive effects to skin may occur.			
Inhalation:	Breathing of mists and vapors can cause irritation of the respiratory tract.			
CHRONIC EFFECTS OF OVEREXPOSURE: Reasonably anticipated to be a human carcinogen by NIOSH and the National Toxicology Program (ethylene thiourea) Possible reproductive toxin (ethylene thiourea). Repeated exposure may produce general deterioration of health by accumulation in one or many human organs.				
Emergency and First Aid Procedures:				
Swallowing:	Do not induce vomiting. Rinse with copious amounts of water or milk first. Do not give anything in mouth if victim Unconscious. Seek medical attention immediately.			
Skin:	Wash exposed area with plenty of soap and water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists seek medical attention.			
Inhalation:	Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately. Get medical attention			
Eyes:	Flush eyes with copious amounts of clear, cool, clean water for at least 30 minutes. Seek medical attention immediately			
SECTION 7 – SPILL OR LEAK PROCEDURES				
Environmental Impact: Toxic to fish and birds. Do not discharge product into lakes, streams, ponds, public water or into wetlands.				
Procedures To Be Taken if Material Is Released or Spilled: Block any potential routes to water system. Recover product by use of absorbents. Do not flush any products into the sewers.				
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.				
SECTION 8 – SPECIAL PROTECTION INFORMATION				
Respiratory Protection:	None required if good ventilation is maintained. Use vapor respirator when ventilation is inadequate.			
Ventilation:	No special requirement under ordinary conditions of use and with adequate ventilation.			
Eye Protection:	Goggles or face shield.			
Protective Clothing:	Pesticide resistant rubber gloves or neoprene gloves. Wear overalls or long sleeved shirt and long trousers			

Date Prepared: 03/11/2009

OF-1049 Rev. (1999)

SECTION 9 – SPECIAL PRECAUTIONS			
Precautions To Be Taken In Handling and Storage: Keep out of the reach of children. Keep containers tightly closed when not in use. Wash thoroughly after handling and before eating or using toilet facilities, Do not reuse empty containers. Store between 40°C and 100°F.			
Special Comments: Workmen handling this product or material treated with this product should wear impervious gloves, goggles or face shield and protective clothing. All protective clothing, work shoes, boots and equipment must be left at work site at the end of the day. Eating, drinking, and smoking during use of this product is prohibited. Wash skin thoroughly with soap and water after handling. Launder contaminated clothing before reuse.			
SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA			
HMIS & NFPA Ratings: Health = 2 Fire = 0 Reactivity = 0			
This product is a potential skin sensitizer. It is toxic by ingestion, higher toxic by inhalation of mists and is corrosive to skin and eyes.			
This product contains <1.0% of Ethylene Thiourea CAS #96-45-7 which is listed as a potential carcinogen 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 the following chemicals found on SARA Title III Section 302 and 313 Lists.			
15% Disodium ethylenebisdithiocarbamate CAS #142-59-6 15% Sodium Dimethyldithiocarbamate CAS #128-04-1 <1.0 Ethylene Thiourea CAS # 96-45-7			
CERCLA List Hazardous Substances: Ethylene Thiourea – 10lbs Ethylenediamine – 5000lbs di-methylamine – 1000lbs			
This contains <1.0% of Ethylene Thiourea CAS #96-45-7 which is listed are found on the State of California's Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.			
This product is subject to regulation under the Federal Fungicide , Insecticide and Rodenticide Act (FIRFA) and is therefore exempted under the United states Toxic Substance Control Act (TSCA) Inventory requirements. Transportation Information:			
DOT: Not regulated IATA: Not Regulated IMDG: Not regulated			

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.**