

MATERIAL SAFETY DATA SHEET

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SECTION 1 – PRODUCT INFORMATION

Chemical Family: Petroleum Hydrocarbons	Trade Name: #137S DIESEL TREAT 2000 SUMMER
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
Amines, polyethylene poly-reaction products with succinic anhydride isobutylene derivatives	84605-20-9	17-22	NE		NE	
2-(Thiocyanomethylthio) Benzothiazole	21564-17-6	.05	NE		NE	
Heavy Aromatic Naphtha	64742-94-5	5-10			50	
2-Ethyl Hexyl Nitrate	27247-96-7	9-11	8			
Light Naphthenic Distillate	64742-53-6	57-59		5		5
Tall oil Fatty Acids	61790-12-3	2-4	NE		NE	
Diethylene Glycol monomethyl ether	111-77-3	1.7	NE		NE	

Section 3 – PHYSICAL DATA

Boiling Point:	300° F/148.8° C	Specific Gravity:	0.9173
Vapor Pressure (mm, Hg):	<.1	% Volatile:	35-50%
Vapor Density (Air = 1):	Not Determined	Evaporation Rate: (=1)	Not Determined
Solubility in Water:	Disperses	pH:	Not Applicable
Appearance and Odor: Dark color, slight aromatic odor.			

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method) ° F/° C: 178° F/81.11° C PMCC	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. Cool exposed containers with waterspray. Avoid breathing fumes.	
Unusual Fire & Explosion Hazards: Vapors may be heavier than air and travel along the ground to a distant ignition source and flash back. Containers may rupture upon heating. The 2-Ethylhexyl Nitrate contained in this product may undergo a self-accelerating exothermic reaction if the product is heated above 212°F/100°C.	

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, amines, phenols, halogen compounds.	
Hazardous Decomposition Products: Oxides of carbon and nitrogen. By products of incomplete combustion.	
Conditions to Avoid: None.	

SECTION 6 - HEALTH HAZARD DATA

Threshold Limit Value and Sources: None Established.
Acute Effects of Overexposure:
Ingestion: Nausea, abdominal discomfort, diarrhea
Eye Contact: Liquid contact produces severe irritation to the eyes.
Skin Contact: Prolonged and repeated skin contact may cause redness, severe irritation and defatting of skin. Product may be absorbed through the skin..
Inhalation: Inhalation of vapors can cause headache, dizziness, nausea, or decreased blood pressure..
CHRONIC EFFECTS OF OVEREXPOSURE: Repeated or over exposure can cause liver and kidney damage.
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: Remove contaminated clothing. Wash skin thoroughly with soap and water.
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: Eliminate all sources of ignition. Absorb spills with absorbent clay Ventilate confined spaces. Keep out of sewers and watercourses.
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 expected to be a RCRA hazardous waste due to its reactivity.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required under ordinary conditions of use. Use a NIOSH/MSHA approved full-face respirator with an organic vapor cartridge if the recommended exposure limit is exceeded or when working with this material in a confined space.
Ventilation: Use explosion proof ventilation to control vapor concentration.
Eye Protection: Chemical resistant Goggles or full face shield.
Protective Clothing: Viton or Nitrile gloves. Wear long sleeve shirt or chemical protective suit and neoprene boots

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. Properly bond and ground containers and transferring equipment when transferring this product to different containers.

Special Comments: 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, or before eating, drinking or using toilet facilities. Keep away from food and feed products

SECTION 10-ADDITIONAL HEALTH AND TOXICOLOGICAL INFORMATION HMIS & NFPA RATINGS

Health = 2 Fire = 2 Reactivity = 3

Contaminated clothing should be discarded or 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 into the lungs, chemical pneumonia, which may cause death in spite of treatment with oxygen and antibiotics may occur.

This product does not contain greater than 0.1% of the chemicals that are listed as potential cancer causing agents as determined by the National Toxicology Program's Annual Reports, the International Agency For Cancer Research's Monographs or OSHA's Subpart Z list.

This product does not contain any of the chemicals that are listed on the State of California's Proposition 65 list as potential cancer causing agents or reproductive toxins.

This product contains 1.7% of Diethylene Glycol Monomethyl Ether which is found on the EPA's SARA Title III list as Glycol and Glycol Ethers.

This product is an ICR (ignitable, corrosive, reactive) substance under CERCLA. If 131 gallons of the material is spilled which will release 100lbs of 2-Ethylhexyl Nitrate into the environment and unless the material is cleaned up immediately for reprocessing, recycling or reuse this may trigger the reporting requirements of CERCLA Section 103.

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