Ergon - West Virginia, Inc.
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Material Safety Data Sheet

L/S Dyed Diesel Date of Preparation: October 1, 2009

Section 1 - Chemical Product and Company Identification

Product Name: L/S Dyed Diesel (Low Sulfur Dyed Diesel)
Synonyms: Complex mixture of paraffinic and aromatic hydrocarbons
CAS Number: 68476-34-6
Manufacturer: Ergon -- West Virginia, Inc., P.O. Box 356, Newell, WV 26050
Company Contact: Will Poe, Phone (601) 630-8319 (Vicksburg, MS)

EMERGENCY TELEPHONE NUMBERS:
Ergon -- West Virginia, Inc. (304) 387-7000 Normal Business Hours
Chemtrec (800) 424-9300 After Business Hours

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% vol
Diesel Fuel	68476-34-6	100
Xylene (total)	1330-20-7	0.25
Toluene	108-88-3	< 0.1
Ethyl benzene	100-41-4	< 0.1

This product is considered a hazardous product under 29 CFR 1910.1200 (Hazard Communication).

	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
Ingredient	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Diesel Fuel	5 mg/m3 (oil mist)	none estab.	5 mg/m3 (oil mist) 100 mg/m3 (total hydrocarbons to skin)	10 mg/m3 (oil mist)	5 mg/m3 (oil mist)	10 mg/m3 (oil mist)	none estab.
Xylene (total)	100 ppm	300 ppm		150 ppm	100 ppm	150 ppm	900 ppm
Toluene	200 ppm		100 ppm		100 ppm	150 ppm	500 ppm
Ethyl benzene	100 ppm		50 ppm 100 ppm	100 ppm	100 ppm	125 ppm	800 ppm

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

This product is a clear, bright liquid with a mild petroleum odor. It will burn at temperatures above 150°F. Extinguish fire with carbon dioxide, dry chemical, foam or water fog. Do not point solid water stream directly into burning oil to avoid spreading. Wear full set of protective equipment including chemical goggles and gloves. LABEL INFORMATION: COMBUSTIBLE

HMIS
H 1
F 2
R 0
PPE†
†Sec. 8

Potential Health Effects

Inhalation: Vapors may cause headaches, dizziness, drowsiness, unconsciousness, and other central nervous system effects.
Eyes: This product may cause severe irritation, redness, or blurred vision.
Skin: This product may be severely irritating to the skin. Symptoms may include redness, edema, drying, defatting and cracking of the skin. See ACGIH TLVs.
Ingestion: This product may be harmful or fatal if swallowed. Pulmonary aspiration hazard if swallowed. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. Get medical attention if symptoms persist.

Eye Contact: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
Skin Contact: Remove contaminated clothing. Wash affected area with mild soap and water. Launder contaminated clothing before reuse. Get medical attention if skin disorder develops.
Ingestion: If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.
Notes to Physician: This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately. Treat symptomatically.

Section 5 - Fire-Fighting Measures

Flash Point: 130°F
Flash Point Method: PMCC
Burning Rate: not determined
Autoignition Temperature: >500 °F
Lower Flammable Limit (LFL): 0.6%
Upper Flammable Limit (UFL): 7.5%
Flammability Classification: not determined
Extinguishing Media: Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.
General Fire Hazards: Fire and explosion hazards are moderate when this product is exposed to heat or flame. Empty containers may retain product residue including flammable or explosive vapors. Do not cut, drill, grind, or weld near full, partially full, or empty product containers. Container my rupture on heating.
Hazardous Combustion Products: Carbon dioxide, carbon monoxide, aldehydes and oxides of sulfur.
Fire-Fighting Equipment/Instructions: Do not point solid water stream directly into burning oil to avoid spreading. Use water spray to cool fire-exposed containers and as a protective screen. Wear full set of protective equipment including chemical goggles and gloves.

Section 6 - Accidental Release Measures

Containment Procedures: Contain the discharge material. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.
Clean-Up Procedures: Absorb with inert absorbent such as dry clay, sand or diatomaceous earth. Scoop up used absorbent into drums. Dispose of spent absorbent in an approved industrial waste landfill. Do not allow the spilled product to enter public drainage system or open water courses.
Evacuation Procedures: Isolate area. Keep unnecessary personnel away.
Special Instructions: Surfaces may become slippery after spillage. Wear appropriate protective equipment and clothing during clean-up.

Section 7 - Handling and Storage

Procedures for Handling: Avoid getting this material into contact with your skin and eyes. Use this product with adequate ventilation. Use a NIOSH-approved respirator if exposed to oil mist, and adequate ventilation is not available. Wash hands after handling and before eating. Launder work clothes frequently.

Recommended Storage Methods: Keep the container tightly closed and in a cool, well-ventilated place. Do not store this material in open or unlabeled containers. Eliminate all sources of ignition. Store away from strong oxidizers.

Section 8 - Exposure Controls / Personal Protection

Exposure Guidelines:
A. General Product Information - If oil mists are generated, observe the OSHA exposure limit of 5 mg/m3.
B. Component Exposure Limits - ACGIH, NIOSH or OSHA exposure guidelines listed for the product's components.

Engineering Controls: Use in a well-ventilated area.
Eye / Face Protection: Wear goggles and/or safety glasses with side-shields.
Skin Protection: Wear oil impervious garments if contact is unavoidable. The use of neoprene gloves is recommended.

Respiratory Protection: Not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit. If mist is generated (heating, spraying) and engineering controls are not sufficient, wear approved organic vapor respirator suitable for oil mist.
General: Use good hygiene when handling petroleum product.

Section 9 - Physical and Chemical Properties

Physical State: Liquid
Appearance: Clear
Odor: Petroleum
Odor Threshold: not available
Vapor Pressure: 2 mm Hg
Vapor Density (Air=1): >1
Specific Gravity (H_2O=1): 0.81
Viscosity: 33.3 SUS @ 100°F typical

Water Solubility: negligible
Boiling Point: 330°F
Melting Point: not applicable
% Volatile: 100
Evaporation Rate: <0.1 (butyl acetate = 1)
pH: not determined

Section 10 - Stability and Reactivity

Chemical Stability: Stable
Hazardous Polymerization: Hazardous polymerization will not occur.
Chemical Incompatibilities: This product may react with strong oxidizing agents.
Conditions to Avoid (Stability): Avoid excessive heat and all sources of ignition.
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, aldehydes, and oxides of sulfur.

Section 11- Toxicological Information

Acute Toxicity / Target Organ Information:

A. General Product / Component Information

No data available on the product as a whole. Petroleum products may affect the skin and eyes. Petroleum mists or vapors may affect the lungs. Excessive inhalation of oil mist may produce accumulation of mineral oil in the lungs accompanied by pulmonary fibrosis.

B. Component LD50 / LC50 - No data available for product.

Epidemiology: No data available for product.

Carcinogenicity:

A. General Product / Component Information - Prolonged and repeated skin contact with some mildly treated or untreated mineral oils have produced skin cancer in laboratory animals.

B. Component Carcinogenicity Listings - Possibly carcinogenic to humans, IARC category 2B.

Teratogenicity / Reproductive Effects: No data available for the product as a whole.

Neurotoxicity: Excessive exposure can cause dizziness and central nervous system depression.

Mutagenicity: No data available on this product as a whole.

Other Information: No other information available.

Section 12 - Ecological Information

Ecotoxicity: No information is available on ecotoxicity of this product. Keep product out of sewers and waterways.
Environmental Fate: No information is available.

Section 13 - Disposal Considerations

U.S. EPA Waste Number & Descriptions:

A. General Product Information - Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. As waste, other state and local regulations may apply to this product.

B. Component Waste Numbers - No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions:

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulation.

Section 14 - Transport Information

Proper Shipping Name: Combustible Liquid, n.o.s. (diesel fuel oil)
Hazard Class: Combustible liquid, flash point > 100°F
DOT ID No.: ~~NA1993~~ UN 1202
Packing Group: III
DOT Shipping Label: NONE required

Additional Shipping Information:
Package in accordance with 49 CFR, and observe quantity limitations for aircraft.
International Transportation Regulations:
Not regulated as dangerous goods.

Section 15 - Regulatory Information

U.S. Federal Regulatory Information:

A. General Product Information - All known (non-proprietary) components of this product are listed on the EINECS inventory of existing chemicals. All components of the product are listed on the U.S. EPA TSCA Inventory.

B. Component Information - None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4).

State Regulations:

A. General Product Information - No components require labeling under California Proposition 65.

B. Component Information - None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

Other Regulations:

A. General Product Information - No additional information.

B. Component Information - None of this product's components are listed on the Canadian Controlled Product Ingredient Disclosure List.

Section 16 - Other Information

Key / Legend

N = no; Y = yes; ppm - parts per million; mg/m3 = milligrams per cubic meter of air; ACGIH = American Conference of Governmental Industrial Hygienists; OSHA = Occupational Safety and Health Administration; TLV = Threshold Limit Value; NIOSH = National Institute of Occupational Safety and Health; NTP = National Toxicology Program; IARC = International Agency for Research on Cancer.

Prepared By: Will Poe **Phone:** (601) 630-8319

Supersedes MSDS Dated:	June 1, 2007	Changed DOT NA 1993 to UN 1202, showed add'nt compositions
	June 1, 2005	Ingredient name changed to match CAS No.
	October 16, 2003	Changed date
	January 1, 2001	Revised DOT air transport statement & combustible hazard class, ACGIH and NIOSH values, and IARC-2B carcinogenicity
	July 19, 1997	Changed date and contact

This MSDS complies with OSHA Hazard Communication Standard (HCS) 29 CFR 1910.1200 and conforms to ANSI Z 400.1 16-Section Format.

Disclaimer: Ergon -- West Virginia, Inc. believes this information is accurate but not all-inclusive in all circumstances. It is the responsibility of the user to determine suitability of the material for their purposes. No warranty, expressed or implied, is given.