Ergon - West Virginia, Inc.
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Material Safety Data Sheet

ULTRA LOW SULFUR DIESEL #2 Date of Preparation: December 30, 2009

Section 1 - Chemical Product and Company Identification

Product Name: Ultra Low Sulfur Diesel #2
Synonyms: Complex mixture of paraffinic and aromatic hydrocarbons, Petroleum Distillate Fuel
CAS Number: 68476-34-6
Manufacturer: Ergon Refining, Inc., P.O. Box 309, Vicksburg, MS 39181
Company Contact: Will Poe, Phone (601) 630-8319 (Vicksburg, MS)

EMERGENCY TELEPHONE NUMBERS:
Ergon Refining, Inc. 601-638-4960 Normal Business Hours
Chemtrec (800) 424-9300 After Business Hours

Section 2 - Composition / Information on Ingredients

A complex mixture of hydrocarbons with carbon numbers in the range C9 and higher.

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/m^3 (oil mist)	none estab.	5 mg/m^3 (oil mist) 100 mg/m^3 (total hydrocarbons to skin)	10 mg/m^3 (oil mist)	5 mg/m^3 (oil mist)	10 mg/m^3 (oil mist)	none estab.
Xylene (total)	100 ppm	300 ppm	100 ppm	150 ppm	100 ppm	150 ppm	900ppm
Toluene	200 ppm		50 ppm	100 ppm	100 ppm	150 ppm	500 ppm
Ethyl benzene	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. May cause skin hazard, repeated skin contact may increase risk of skin cancer. LABEL INFORMATION: COMBUSTIBLE

HMIS	
H	2
F	2
R	0
PPE†	

†Sec. 8

Potential Health Effects

Inhalation: May cause burning in throat and respiratory tract, blurred vision, dizziness, or vomiting.
Eye: Eye contact results in irritation and redness.
Skin: Prolonged skin contact to liquid or vapors can cause irritation or dermatitis. Skin contact may aggravate any existing dermatitis.
Ingestion: Can cause gastrointestinal irritaiton, nausea, and vomiting. This product may be harmful or fatal if swallowed. Pulmonary aspiration hazard if swallowed

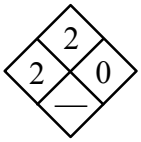
Note: IARC has classified diesel engine exhaust as group 2A carcinogen and diesel fuel as group 2B carcinogen, which determined there is inadequate evidence for carcinogenicity of diesel fuel in humans, limited evidence for carcinogenicity of marine diesel fuel in animals, and sufficient evidence for carcinogenicity in experimental animals for diesel engine exhaust and extracts of exhaust particles, with limited evidence for carcinogenicity in humans for diesel exhaust.

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. Assist breathing if necessary. Seek medical help.
Eye Contact: Wash with water for 15 minutes. Seek medical help.
Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing, reuse only after cleaning.
Ingestion: Do not induce vomiting. Contact a physician immediately.
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

NFPA



Flash Point: > 141°F (> 60..5°C)
Flash Method: PMCC
Autoignition Temperature: > 400°F (> 204°C)
Lower Explosive Level (LEL): 0.9
Upper Explosive Limit (UEL): 7.0
Extinguishing Media: Halon, dry chemical, foam, CO2 or water mist or fog. Water may be used to cool below flash point.
Fire or Explosion Hazards: Diesel is an OSHA Class III-B combustible liquid.
Fire-Fighting Instructions and Equipment: Do not enter enclosed or confined spaces without proper protective equipment. Cool tanks and containers exposed to fire with water.

Section 6 - Accidental Release Measures

Spill /Leak Procedures: Eliminate all ignition sources. Use absorbent materials to pick up for disposal. Water spray or foam may be used to keep vapors down.
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

Handling and Storage Precautions: Warning! The petroleum hydrocarbons in this product are a complex mixture of paraffinic, naphthenic and aromatic hydrocarbons. As with other petroleum products the aromatic compounds are present in varying concentrations and structures. Some of these compounds may be those which have been shown to result in tumor formation in animals under laboratory conditions. The concentrations of aromatic compounds in this product require that the precautions outlined in this MSDS be followed to minimize personnel exposure.
Keep away from oxidizing agents, open flame, high temperatures, and sources of ignition.

Procedures for Handling: Avoid getting this material into contact with your skin and eyes, use chemical resistant gloves and goggles. 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 or near open flames or strong oxidants. Eliminate all sources of ignition. Store away from strong oxidizers.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Local or mechanical ventilation sufficient to control exposure below TLV level. Explosion proof where there is a risk of ignition.
Eye / Face Protection: Safety glasses or face shield where splashing is possible.
Skin Protection: Chemical resistant suit/gloves as required to prevent direct contact with skin.
Respiratory Protection: Use organic vapor cartridges for exposure over TLV up to 1000 ppm. Use fresh air or self contained breathing equipment for unknown concentrations.

Section 9 - Physical and Chemical Properties

Physical State: Liquid.
Appearance: Clear
Color: Pale yellow, or straw color
Odor: Mild petroleum odor.
Odor Threshold: Not determined
Vapor Pressure: < 1 mm Hg at 20°C
Vapor Density (air=1): > 5
% Volatile by Vol: 100

Specific Gravity (H_2O=1): 0.865
Water Solubility (% by vol): Nil
Boiling Point: 335 - 840°F (180 - 450°C)
Pour Point: 43°F (6°C)
Evaporation Rate: < 0.1
pH: Not applicable

Section 10 - Stability and Reactivity

Stability: Stable
Polymerization: Polymerization will not occur.
Chemical Incompatibilities: Strong oxidizers, alkalis, acids.
Conditions to Avoid (Stability): Avoid excessive heat and all sources of ignition.
Hazardous Decomposition Products: CO, H2S, and oxides of sulfur and nitrogen. Heavy smoke.

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. Exhaust fumes may have limited evidence for carcinogenicity in humans.

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. May contain ingredient that has limited evidence of damage to developing fetus.

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

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

Other Information: Prolonged exposure can cause drying, scaling, rash or blistering of skin..

Section 12 - Ecological Information

Ecotoxicity: Keep product out of sewers and waterways. Dangerous to aquatic life in high concentrations.
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:

Follow Local, State, and Federal regulations.

Section 14 - Transport Information

Proper Shipping Name: Combustible Liquid, n.o.s.
Hazard Class: Combustible
DOT ID No.: NA1993
Packing Group: III
DOT Shipping Label: NONE required

49 CRF 173.150 Exceptions: Requirements do not apply to combustible liquids in non-bulk packaging (< 119 gallons).

Additional Shipping Information: Package in accordance with 49 CFR, and observe quantity limitations for aircraft.

International Transportation Regulations: Not regulated as dangerous goods.

Limited quantity-ground: 5L (1.3 gallons)
Limited quantity-air: passenger 60L; cargo 220L

Section 15 - Regulatory Information

U.S. Federal Regulatory Information:

A. General Product Information - All components of this 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 App. A) Product as a whole not listed under 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. This material may contain the following carcinogens: toluene, diesel engine exhaust.

B. Component Information - This product not listed on the state lists from CA, FL, MA, MN, PA and NJ; may contain ingredients (xylene) listed on state list.

Other Regulations:

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

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

Section 16 - Other Information

NFPA Hazard Rating	**- Health**	**2 Moderate**
	- Fire	**2 Moderate**
	- Reactivity	**0 Least**

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

Prepared: December 30, 2009

Supersedes MSDS Dated: None

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

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.

Disclaimer: Ergon Refining, 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.