

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

<b>Manufacturer</b>	Central Petroleum Company, 201 East Lincoln St., Walcott, IA 52773-0116		
<b>Telephone</b>	563-284-6221 (M-F: 8:00-3:00 CT)	<b>Fax</b>	563- 284-5124
<b>Product Name(s)</b>	Cen-Pe-Co DieselMax		
<b>Chemical Family</b>	Fuel Additive	<b>CAS Number</b>	Mixture
<b>Emergency Contact / Number</b>	CHEMTREC 1-800-424-9300		

**SECTION 2: HAZARD IDENTIFICATION**



**Hazards**

Flammable Liquids	Category 4 – Combustible liquid
Acute Toxicity, Oral	Category 4 – Harmful if swallowed
Aspiration Hazard	Category 1 – May be fatal if swallowed and enters airways
Acute Toxicity, Dermal	Category 4 – Harmful in contact with skin
Skin Corrosion/Irritation	Category 2 – Causes skin irritation
Sensitization, Skin	Category 1 – may cause an allergic skin reaction
Serious Eye Damage/Eye Irritation	Category 2B – Causes eye irritation
Acute Toxicity, Inhalation	Category 4 – Harmful if inhaled
Carcinogenicity	Category 2 – Suspected of causing cancer
Hazardous to the aquatic environment, -long-term hazard	Category 2 – Toxic to aquatic life with long lasting effects
Specific target organ toxicity, -single exposure, respiratory	Category 3 – May cause respiratory irritation

**Signal Word**      DANGER

**Precautionary Statements**

Keep away from flames and hot surfaces. – No smoking. Wear protective gloves, eye and face protection and protective clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing fumes, mist, vapors, or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Use other personal protective equipment as required.

**In case of fire:** Use water mist, dry chemical or CO2 to extinguish.

**IF exposed or concerned:** get medical advice/attention.

**IF SWALLOWED:** Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Rinse mouth.

**IF ON SKIN:** Wash with soap and water.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.

**If skin irritation occurs:** get medical advice/attention.

**If skin irritation or a rash occurs:** Get medical advice/attention.

**If eye irritation persists:** get medical advice/attention.

Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. Collect spillage. Store in a well ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container to an approved waste disposal plant.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Component Name	CAS#	Component Range
2-Ethylhexyl nitrate	27247-96-7	40 – 70
Petroleum distillates	64742-53-6	15 – 25
Solvent naphtha	64742-95-6	<5
Diesel performance additive	Proprietary	<5
Alkenyl acid	Proprietary	<5
Trimethylbenzene*	95-63-6	<5
Naphthalene*	91-20-3	<1
Alkyl amine	Proprietary	<1
Cumene*	98-82-8	<0.5

\*Impurity in one or more of product's ingredients

**SECTION 4: FIRST AID MEASURES****Eye Contact**

Flush eyes immediately with water for at least 15 minutes. Seek immediate medical advice or attention.

**Skin Contact**

Wash exposed areas promptly with water and mild soap. Remove contaminated clothing immediately and launder before reuse. Seek medical advice or attention if irritation occurs.

**Ingestion**

Do not induce vomiting. Wash out mouth with water. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Inhalation**

Move to fresh air. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel and seek medical attention.

**Note to Physicians**

No specific antidote. Treatment should be directed at controlling the symptoms and the clinical condition of the patient. Because of the aspiration danger, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances. Components may cause central nervous system depression. Potential for chemical pneumonitis. Material poses an aspiration hazard.

**SECTION 5: FIREFIGHTING MEASURES****Suitable Extinguishing Media**

Water fog and foam. Do not use water jet as it may spread fire. Dry chemical and carbon dioxide for small fires only. Use a water spray to cool fire-exposed containers, structures and to protect personnel.

**Special Firefighting Procedures**

Clear fire area of unprotected and untrained personnel. Do not enter confined fire space without full equipment and a positive pressure NIOSH approved self-contained breathing apparatus.

**Unusual Firefighting Hazards**

May produce toxic fumes, gases, and vapors on burning; do not expose to steam, sparks, flames, or hot surfaces. Rapid gas evolution during decomposition can lead to container bursting and may be explosive if heated under confinement. Containers may rupture upon heating.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Isolate release area and keep unnecessary or untrained people away. Spilled material may be slippery. Avoid contact with spilled material. Remove all potential sources of ignition. See Section 8 for personal protection gear.

**Environmental Precautions**

Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Advise EPA, state or local agencies as required.

**Methods for Cleaning Up**

Transfer to labeled, sealable containers for product recovery or safe disposal. Soak up residues with an inert absorbent material and dispose of safely. Remove contaminated soil and dispose of safely. Do not wash away residues into waterways or storm drains with water.

**SECTION 7: HANDLING AND STORAGE**

**Handling**

Keep away from heat, sparks, and open flame. Extinguish all possible ignition sources prior to use and until vapors are gone. Vapors may accumulate and travel to ignition sources distant from handling site and flash back. Use approved bonding and grounding procedures. Do not use compressed air when filling, discharging, or handling. Keep containers tightly sealed when not in use. Transfer only to approved containers with complete and appropriate labeling. Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Do not take internally. Empty containers may contain residue. Do not cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, spark, or other ignition sources.

**Storage**

Keep containers in a cool, well-ventilated area. Avoid possible sources of ignition. Keep containers tightly closed. Keep away from aerosols, flammables, oxidizing agents, and corrosives.

**SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION****Exposure Limits**

Component Name	ACGIH TLV-TWA	OSHA PEL-TWA
Petroleum distillates	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Solvent naphtha	Not Established	500 ppm/8hrs
Trimethylbenzene*	25 ppm	Not Established
Xylene*	100 ppm	100 ppm
	150 ppm (STEL)	
Naphthalene*	15 ppm (STEL),	10 ppm
	10 ppm (skin)	
Cumene*	50 ppm	50 ppm

\*Contained in various amounts in various components

**Engineering Controls**

Use appropriate ventilation to maintain airborne concentration limits below exposure limits. Have eye wash stations and safety showers readily available.

**Eye and Face Protection**

Wear safety glasses with side shields or goggles; use face shield if splashing is possible.

**Skin Protection**

Wear chemical resistant gloves, if contact is likely. Additional body garments should be used based upon the task being performed.

**Respiratory Protection**

Use a properly fitted NIOSH respirator in areas where the exposure is unknown or above the OSHA PEL or ACGIH TLV,

**General Hygiene**

Follow accepted work practices for handling a combustible material. Do not eat, drink or smoke in areas where this chemical is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance/Physical State</b>	Brown or amber liquid	<b>Flash Point (PMCC)</b>	171 °F/77 °C
<b>Specific Gravity (Water=1)</b>	0.94	<b>Upper Flammability Limits</b>	Not Determined
<b>Evaporation Rate</b>	Not Determined	<b>Lower Flammability Limits</b>	Not Determined
<b>pH</b>	Not Applicable	<b>Auto-ignition Temperature</b>	Not Determined
<b>Solubility in Water</b>	Slight	<b>Decomposition Temperature</b>	Not Determined
<b>Odor</b>	Strongly pungent	<b>Vapor Pressure</b>	Not Determined
<b>Odor Threshold</b>	Not Determined	<b>Vapor Density (Air=1)</b>	>1
<b>Melting/Freezing Point</b>	Not Determined	<b>Partition Coefficient (n-octanol/water)</b>	Not Determined
<b>Boiling Range</b>	Not Determined	<b>Viscosity (cSt, 40 °C)</b>	<20.5
<b>Initial Boiling Point</b>	Not Determined	<b>Critical Temperature</b>	Not Determined

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

**SECTION 10: STABILITY AND REACTIVITY****Stability**

Stable under normal conditions of storage and handling.

**Conditions to Avoid**

Avoid high temperatures, sparks, open flames, and other sources of ignition. Avoid contact with strong oxidizing and reducing agents, strong acids and strong bases.

**Hazardous Decomposition / Byproducts**

Combustion products include smoke, carbon dioxide, carbon monoxide, nitrogen oxides, volatile hydrocarbons and other possibly toxic gases in fire.

**Hazardous Polymerization**

Will not occur.

**Polymerization Conditions to Avoid**

Not Applicable

**SECTION 11: TOXICOLOGICAL INFORMATION**

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

**Eye Contact**

May cause irritation including discomfort, tearing, or blurred vision. Exposure to high concentrations of vapors may be irritating.

**Skin Contact**

May cause irritation. Prolonged or repeated contact may lead to skin defatting, which can result in dryness, dermatitis, and cracking.

**Ingestion**

Material poses an aspiration hazard. Aspiration may cause lung injury and possibly lead to death. Ingestion may cause gastrointestinal irritation, nausea, headache, or weakness.

**Inhalation**

Inhalation may cause respiratory irritation, nausea, or discomfort. Inhalation of heavy aromatic naphtha may cause central nervous system depression with anesthetic effects. Symptoms include dizziness, headache, confusion, loss of coordination, and loss of consciousness. Continued inhalation exposure may cause unconsciousness or death.

**Target Organ Effects**

Components of this material may cause damage to the blood, kidneys, liver, gastrointestinal tract, upper respiratory tract, skin, and central nervous system.

**Chronic Effects**

Long term dermal exposure may result in skin sensitization, hyperkeratosis or cecrosis. Repeated inhalation of product may cause reduced growth rate, respiratory tract irritation, congestion in the liver and spleen, dizziness and changes in blood chemistry.

**Carcinogenicity**

Avoid or minimize skin contact or breathing product vapors. Product contains carcinogens or potential carcinogens as listed by NTP, OSHA and IARC.

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity** Potentially toxic to aquatic organisms with long term adverse effects.

**Mobility** Not Determined

**Degradability** Components of this product may persist in the environment

**Bioaccumulation** Not Determined

**SECTION 13: DISPOSAL CONSIDERATION**

Dispose of this product in compliance with all applicable federal, state and local regulations. Empty containers may contain residues.

**SECTION 14: TRANSPORT INFORMATION**

**Proper Shipping Name** Not Regulated

**SECTION 15: REGULATORY INFORMATION****TSCA Status**

All components are listed in the TSCA inventory

**SARA 311/312 Reporting Categories**

None

**SARA 313 Reportable Ingredients**

1, 2, 4-trimethylbenzene	95-63-6	<5 %
Naphthalene	91-20-3	<1
Cumene	98-82-8	<0.5

**SECTION 16: OTHER INFORMATION**

**NFPA Rating** 2-1-0

0=minimal hazard, 1=slight hazard, 2=moderate hazard, 3=severe hazard, 4=extreme hazard

**Department Issuing SDS** Health and Safety

**Disclaimer**

This information has been compiled from sources considered to be dependable and is accurate to the best of Central Petroleum Company's knowledge; however, the Central Petroleum Company makes no warranty whatsoever, expressed or implied, of merchantability or fitness for particular purpose regarding the accuracy of such data or the results to be obtained from the use thereof. The Central Petroleum Company assumes no responsibility for injury to recipient or third persons or for any damage to any property and recipient assumes all such risks.