

SECTION 1: PRODUCT AND COMPANY INFORMATION

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

SECTION 2: HAZARD IDENTIFICATION



Hazards

Flammable Liquids	Category 3 – Flammable liquid and vapor
Aspiration Hazard	Category 1 – May be fatal if swallowed and enters airways
Skin Corrosion/Irritation	Category 2 – Causes skin irritation
Serious Eye Damage/Eye Irritation	Category 2B – Causes eye irritation
Specific target organ toxicity single exposure, -respiratory	Category 3 – May cause respiratory irritation
-central nervous system	Category 3 – May cause dizziness or drowsiness
Carcinogenicity	Category 2 – Suspected of causing cancer
Hazardous to the aquatic environment -long-term	Category 3 – Harmful to aquatic life with long lasting effects

Signal Word DANGER

Precautionary Statements

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames, and hot surfaces - No smoking. Keep container tightly closed. Take precautionary measures against static discharge. Ground/bond container and receiving container when transferring. Use explosion-proof electrical, ventilating, lights, equipment, etc. Use only non-sparking tools. Avoid breathing fumes, mist, vapors or spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. Avoid release to the environment.

In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.

IF EXPOSED OR CONCERNED: Get medical advice or attention. Call a POISON CENTER or a doctor/physician if you feel unwell.

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

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water or shower.

IF skin irritation occurs: Get medical advice/attention.

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 eye irritation persists: get medical advice/attention.

Keep cool. Store in a well ventilated place. Store locked up. Collect spillage. Dispose of contents/container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#	Component%
Petroleum distillates	64742-53-6	30 – 50
Solvent naphtha*	64742-95-6	30 – 45
2-Ethylhexyl nitrate	27247-96-7	5 – 10
Naphthalene	91-20-3	<1
* may contain up to 32% 1,2,4-trimethylbenzene (CAS 95-63-6) , 2.2% xylenes (CAS 1330-20-70 and 1.1% cumene (CAS 98-82-8)		

SECTION 4: FIRST AID MEASURES**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.

Eye Contact

Immediately flush eyes with water for at least 15 minutes. Seek medical attention immediately.

Inhalation

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

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.

Note to Physicians

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. Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back. Containers may rupture upon heating.

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

Isolate release area and keep unnecessary or untrained people away. Remove all potential sources of ignition. Take precautions against static discharge. 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

Use non-sparking tools and explosion-proof means to 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 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. Use explosion-proof electrical equipment. 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 ³	5 mg/m ³
Solvent naphtha	Not Established	500 ppm/8hrs
Naphthalene	15 ppm (STEL), 10 ppm (skin)	10 ppm
Cumene*	50 ppm	50 ppm
Ethylbenzene*		

*Contained in solvent naphtha in variable amounts

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 flammable 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

Appearance/Physical State	Golden liquid	Flash Point (PMCC)	124 °F/51 °C
Specific Gravity (Water=1)	0.9	Upper Flammability Limits	Not Determined
Evaporation Rate	Not Determined	Lower Flammability Limits	Not Determined
pH	Not Applicable	Auto-ignition Temperature	Not Determined
Solubility in Water	Negligible	Decomposition Temperature	Not Determined
Odor	Pungent	Vapor Pressure	Not Determined
Odor Threshold	Not Determined	Vapor Density (Air=1)	>1
Melting/Freezing Point	Not Determined	Partition Coefficient (n-octanol/water)	Not Determined
Boiling Range	Not Determined	Viscosity (cSt , 40 °C)	<20.5
Initial Boiling Point	Not Determined	Critical Temperature	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

Product or product vapors may cause irritation, redness, discomfort, itching, tearing, or blurred vision.

Skin Contact

May cause skin irritation. Prolonged or repeated exposure can defat the skin, resulting in dryness, dermatitis, and cracking. Prolonged exposure to large amounts of components of this material can cause dizziness and drowsiness.

Ingestion

Ingestion may cause nausea and gastrointestinal irritation. Aspiration into the lungs can cause chemical pneumonitis and lung damage, possibly leading to death.

Inhalation

Breathing of high vapor concentrations may cause central nervous system depression resulting in dizziness, light-headedness, headache, nausea, and loss of coordination. Continued inhalation may result in unconsciousness or death. Components may cause respiratory tract irritation. Vapors may cause drowsiness and dizziness. Symptoms of irritation include burning sensation, coughing, and/or difficulty breathing. Fumes may produce nausea.

Carcinogenicity

Contains small amounts (<1%) of naphthalene, ethylbenzene and cumene which are classified as possible or suspect carcinogens by NTP and IARC.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic organisms with long term adverse effects.

Mobility Not Determined

Degradability Not Determined

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 Flammable liquid

SECTION 15: REGULATORY INFORMATION**TSCA Status**

All components are listed in the TSCA inventory

SARA 311/312 Reporting Categories

Flammable hazard

SARA 313 Reportable Ingredients

1, 2, 4-trimethylbenzene	95-63-6	10 – 25%
Xylene	1330-20-7	<4
Cumene	98-82-8	<4
Naphthalene	91-20-3	<1

SECTION 16: OTHER INFORMATION**NFPA Rating** 2-2-1

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.