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 Atomic Powered		
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
Acute toxicity, inhalation	Category 4 – Harmful if inhaled
Sensitization, Skin	Category 1 – May cause an allergic skin reaction
Carcinogenicity	Category 2 – Suspected of causing cancer
Specific target organ toxicity, single exposure,	
-respiratory	Category 3 – May cause respiratory irritation
-central nervous system	Category 3 – May cause dizziness or drowsiness

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. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/light/equipment, etc. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing fumes, gas, mist, vapors or spray. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye and face protection. Use other personal protective equipment as required.
In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.
IF exposed or concerned: get medical advice/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/shower.
If skin irritation or a rash occurs: Get medical advice/attention.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Wash contaminated clothing before reuse. Store in a well ventilated place. Keep container tightly closed. Keep cool. Store locked up. Dispose of contents/container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#	Component%
Solvent and petroleum naphtha*	64742-95-6, 64742-94-5	40 – 70
Propylene glycol monomethyl ether	107-98-2	5 – 15
Alkyl amine	Proprietary	<2
Alkenyl acid	Proprietary	<3

* may contain up to 25% trimethylbenzene (various isomers) , 5% naphthalene (CAS 91-20-3), 3% xylenes (CAS 1330-20-70) and 1% cumene (CAS 98-82-8)

SECTION 4: FIRST AID MEASURES

Skin Contact
Remove contaminated clothing and wash before reuse. Remove excess from skin and wash with soap and water. Seek medical attention if symptoms persist.
Eye Contact
Flush eyes with water for at least 15 minutes. Seek immediate medical attention if symptoms persist.
Inhalation
Move to fresh air. Restore breathing. Seek medical attention if symptoms occur.
Ingestion
Do NOT induce vomiting. Seek immediate 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.

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. Ventilate spill area. See Section 8 for personal protection gear.
Environmental Precautions
Contain spill if it can be done with minimal risk. Prevent liquid from entering soil, ditches, 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.

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	OSHA
Solvent naphtha	Not Established	500 ppm/8hrs
Propylene glycol monomethyl ether	100 ppm (TWA) 150 ppm (STEL)	Not Established
Trimethylbenzene*	25 ppm (TWA)	Not Established
Xylene*	100 ppm (TWA) 150 ppm (STEL)	100 ppm (PEL)
Naphthalene*	15 ppm (STEL), 10 ppm (skin)	10 ppm
Cumene*	50 ppm	50 ppm

*Contained in variable amounts in petroleum 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 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	Amber liquid	**Flash Point (PMCC)**	102 °F / 39 °C
Specific Gravity (Water=1)	0.91	**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	Insoluble	**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 respiratory tract irritation and/or difficulty breathing. Fumes may produce nausea. Continued inhalation exposure may cause unconsciousness or death.
Chronic Effects
Repeated or long term inhalation can cause CNS damage, weight loss, reduced growth rate, congestion in the liver and spleen, changes in blood chemistry, equilibrium disturbances, toxicity to the fetus and blood effects. Components of this mixture can cause it to be a lung sensitizer if the material is heated or misted. Product components have been toxic to fetus in lab animals at maternally toxic levels.
Carcinogenicity
Contains small amounts of naphthalene and cumene which are classified by IARC as Group 2B, possibly carcinogenic to humans. Contains xylene which is classified by IARC as Group 3, not classifiable at to carcinogenicity to humans.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic organisms with long term adverse effects.
Mobility	Not Determined
Degradability	Not Determined
Bioaccumulation	May possibly bioaccumulate

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 Combustible liquid

SECTION 15: REGULATORY INFORMATION

TSCA Status
All components are listed in the TSCA inventory
SARA 311/312 Reporting Categories
Flammable, acute, chronic
SARA 313 Reportable Ingredients

1, 2, 4-trimethylbenzene	95-63-6	<25%
Xylene	1330-20-7	<3
Cumene	98-82-8	<1
Naphthalene	91-20-3	<5

SECTION 16: OTHER INFORMATION

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

Department Issuing SDS Health and Safety

Disclaimer
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