

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : CHEM-POWER MFG DIV/ FOSTER & CO., INC
15 Wing Drive EMERGENCY PHONE.....: 973-267-4100
Cedar Knolls PREPARATION/REVISION DATE: 07/17/03
NJ 07927
PREPARER/CONTACT: Gary Adams, Chemist
LOCATION : Whs 1

TRADE NAME/SYNONYMS...: FUEL OIL MISER
CHEMICAL NAME/SYNONYMS: Heating Oil Conditioner
CHEMICAL FAMILY.....: Petroleum solvent solution
FORMULA.....: Mixture
PRODUCT CODE.....: 17-03

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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* HEALTH..... 2 *
* FLAMMABILITY.. 2 *
* REACTIVITY.... 0 *
* PROTECTION.... B *
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SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
Catalytic reformer petroleum distillate	68477-31-6	70-90	N/I	N/ I
**Naphthalene	91-20-3	5-15	10 ppm	10 Ppm
**2-butoxyethanol	111-76-2	1-4	50ppmTWA	25 ppm
Sodium Petroleum Sulfonate	68608-26-4	1-4	N/ I	N/ I

**This ingredient is reportable under EPA SARA Title 111-please check applicable states for additional regulations.

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):NO

CHEMICAL/COMMON NAME	CAS-NUMBER	%	NTP	IARC	OSHA
Napthalene possible based on animal data	91-20-3	5-15	NO	NO	NO

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-
ACUTE: High vapor concentrations are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anesthetic, and may have other CNS effects. SKIN: Prolonged or repeated skin contact tends to remove skin oil possibly leading to irritation and dermatitis. INGESTION: Nausea, vomiting,

diarrhea. Dangerous if inhaled into lungs during ingestion or vomiting as chemical pneumonitis can occur.
Chronic effect: High dosage skin application of catalytic reformat distillate produced a weak, statistically insignificant skin tumor response in one study of mice. Product not believed to present human health risk if good industrial hygiene is followed according to label directions and/ or the directions on this material safety data sheet.

PRIMARY ROUTES OF ENTRY-
Inhalation and skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-
None known.

EMERGENCY FIRST AID PROCEDURES-
EYE CONTACT: If splashed into the eyes, flush with clear water of 15 minutes or until irritation subsides. Consult physician.
SKIN CONTACT: Remove any contaminated clothing and launder before re-use. Wash affected area with mild soap and water.
INHALATION: Call physician immediately if symptoms of overexposure occur (See health effects). Maintain respiration artificially if breathing has stopped. Inhalation injury symptoms may appear several hours after overexposure. Call physician if difficulty in breathing or severe pulmonary congestion occur in the 24 hours after overexposure.
INGESTION: DO NOT INDUCE VOMITING. Give large quantities of water and call physician or poison control center immediately.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F).....: >445 F SPECIFIC GRAVITY (WATER=1).....: 0.98
VAPOR PRESSURE (mmHg): ~ 5 PERCENT VOLATILE BY VOLUME (%),.....: >90
VAPOR DENSITY (AIR=1): >1 EVAPORATION RATE (water =1): <0.1

SOLUBILITY IN WATER-
Slight.

APPEARANCE AND ODOR INFORMATION-
Clear amber liquid with heavy moth-ball odor.

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): 190 F FLAMMABLE LIMITS : Lel=1.0 UEL=N/I

EXTINGUISHING MEDIA-
Alcohol foam, CO2, dry chemical, water fog.

SPECIAL FIRE FIGHTING PROCEDURES-
Do not use water. Treat as gasoline fire. Heavier than air. Use self-contained breathing apparatus for fire-fighting.

UNUSUAL FIRE AND EXPLOSION HAZARDS-

Ground containers when transferring liquid. Do not heat in unvented container. Extremely flammable by CPSC Flame Extension Test.

INCOMPATIBILITY (Materials To Avoid)-

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS-

Carbon Monoxide, Carbon Dioxide, Oxides of Sulfur.

WILL HAZARDOUS POLYMERIZATION OCCUR-

No.

CONDITIONS TO AVOID FOR POLYMERIZATION-

None known.

IS THE PRODUCT STABLE-

Product is stable under any ambient conditions.

CONDITIONS TO AVOID FOR STABILITY-

None known.

SECTION 6 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-

Shut off or eliminate ignition sources. Soak up with absorbent and place in metal containers for disposal. Keep product out of watercourses. Notify authorities if product has entered any watercourse, sewer or extensive land area.

WASTE DISPOSAL METHODS-

This is an "oil" under the Clean Water Act. Keep out of surface waters. If any spill causes a sheen on a lake, stream, or other surface watercourse, it must be reported to the National Response Center **1-800-424-8802**. Consult Federal, State, and local authorities for disposal in a facility approved under RCRA regulation for hazardous waste. Containers must be leakproof and properly labelled. Ignitable Hazardous Waste **#D001**.

SECTION 7 - EXPOSURE CONTROL INFORMATION

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VENTILATION-

LOCAL EXHAUST: Good necessary

SPECIAL.....: No Smoking

MECHANICAL (General): N/A

OTHER.....: N/A

RESPIRATORY PROTECTION-

Not normally needed, NOISH approved for Aromatic Hydrocarbon if needed.

PROTECTIVE GLOVES-

impervious rubber or polyethylene, impervious apron if spill likely.

OTHER PROTECTIVE EQUIPMENT-
Splashproof goggles.

OTHER ENGINEERING CONTROLS-
N/I

WORK PRACTICES-
Keep container closed when not in use. Ground containers for liquid transfer. Avoid breathing vapors, always use rubber gloves and safety goggles to handle chemical products.

HYGIENIC PRACTICES-
Wash hands after using, especially before eating or using lavatory facilities. Never use this material close to where food is eaten or stored. Odor can penetrate food packaging.

SECTION 8 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-
Store at ambient temperatures away from strong oxidizers and food.

MAINTENANCE PRECAUTIONS-
Keep containers closed when not in use.

OTHER PRECAUTIONS-
KEEP OUT OF REACH OF CHILDREN!

ADDITIONAL COMMENTS-
Shipping Name: Combustible liquid, NOS. (Methyl Napthalene), Packing Grp III
CERCLA REPORTABLE QUANTITY: under 40CFR 302.4 reportable because it contains Napthalene CAS 91-20-3, Reportable quantity= 1000 lbs.
For transportation emergency call INFOTRAC 1-800-535-5053, 24 hrs-7 days.