

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: 02/14/02  
NJ 07927  
PREPARER/CONTACT: Gary Adams, Chemist

LOCATION : Whs 1

TRADE NAME/SYNONYMS...: METAL MASTER KOOL-KUT  
CHEMICAL NAME/SYNONYMS: Clear Synthetic Cutting Fluid  
CHEMICAL FAMILY.....: Water Soluble Cutting Oil  
FORMULA.....: Mixture  
PRODUCT CODE,.....: 11-16

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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\* \* \* \* \*  
\* HEALTH..... 1 \*  
\* FLAMMABILITY.. 0 \*  
\* REACTIVITY.... 1 \*  
\* PROTECTION.... B \*  
\* \* \* \* \*

SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/Common Name	CAS-Number	%	PEL-OSHA	TLV-ACGIH
Water	7732-18-5	50-70	N/E	N/E
Severely hydrotreated mineral oil	64742-65-0	>10	5 PPM	as mist
Ethoxylated nonyl phenol	9016-45-9	10-20	N/A	N/A
Triethanolamine	102-71-6	5-10	N/A	N/A
o-Phenylphenol	90-43-7	3-5	5mg/m3	

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

CHEMICAL/Common Name	CAS-Number	%	NTP	IARC	OSHA
N/A	N/A	N/A	N/A	N/A	N/A

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-  
INHALATION: Mists might be irritating to mucous membranes.  
INGESTION: Abdominal cramps, headache, impairment, cyanosis.  
EYES: Irritation, no permanent damage likely.  
SKIN: Repeated and/ or prolonged contact can cause dry skin dermatitis.  
No chronic effects known.

PRIMARY ROUTES OF ENTRY-  
Eyes, inhalation, ingestion.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-  
N/I

EMERGENCY FIRST AID PROCEDURES-  
EYES: Flush with water for 15 minutes. Call physician.  
SKIN: Flush with water. Call physician if irritation persists.  
INGESTION: Give water if conscious. Induce vomiting. Get medical attention.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F).....: 212	SPECIFIC GRAVITY (WATER=1).....: 0.98
VAPOR PRESSURE (mmHg): 15-25	PERCENT VOLATILE BY VOLUME (%): 50-70
VAPOR DENSITY (AIR=1): >1	EVAPORATION RATE (water =1): >1

SOLUBILITY IN WATER-  
Complete.

APPEARANCE AND ODOR INFORMATION-  
Hazy syrupy liquid with slight petroleum oil odor.

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): None                      FLAMMABLE LIMITS : Lel=N/A    UEL=N/A

EXTINGUISHING MEDIA-  
Not combustible.

SPECIAL FIRE FIGHTING PROCEDURES-  
Self-contained breathing apparatus for any enclosed area which contains chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS-  
None known.

INCOMPATIBILITY (Materials To Avoid)-  
Cyanides, oxidizers and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS-  
Oxides of nitrogen.

WILL HAZARDOUS POLYMERIZATION OCCUR-  
No.

CONDITIONS TO AVOID FOR POLYMERIZATION-  
None known.

IS THE PRODUCT STABLE-  
Yes.

CONDITIONS TO AVOID FOR STABILITY-  
Organic materials.

SECTION 6 - SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-  
Any small spill can be absorbed with vermiculite, etc. and residue  
flushed with water.

WASTE DISPOSAL METHODS-  
Consult local, State and Federal authorities. FOR USED MIX: Ultrafiltration  
or acid-alum-polymer chemical treatment(followed by phenol-removing procedures  
or high temperature incineration. FOR UNUSED CONCENTRATE: Incinerate, or  
contact waste disposal vendor.

SECTION 7 - EXPOSURE CONTROL INFORMATION  
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VENTILATION-  
LOCAL EXHAUST: Not normally needed. MECHANICAL (General): Good  
SPECIAL.....: N/A OTHER.....: N/A

RESPIRATORY PROTECTION-  
Not normally needed.

PROTECTIVE GLOVES-  
Rubber.

OTHER PROTECTIVE EQUIPMENT-  
Splash goggles and eyewash station.

OTHER ENGINEERING CONTROLS-  
N/I

WORK PRACTICES-  
N/A

HYGIENIC PRACTICES-  
Wash hands before eating or using lavatory facilities.

SECTION 8 - SPECIAL PRECAUTIONS  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-  
Keep from freezing. Keep container closed.

MAINTENANCE PRECAUTIONS-  
N/A

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CSS-14038

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OTHER PRECAUTIONS-  
KEEP OUT OF REACH OF CHILDREN!

ADDITIONAL COMMENTS-  
Shipping Name: Compound, Cleaning. Class 55.