

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: 03/30/98  
NJ 07927  
PREPARER/CONTACT: Gary Adams, Chemist  
LOCATION : Whs 1

TRADE NAME/SYNONYMS...: Metal Master 11-18  
CHEMICAL NAME/SYNONYMS: Dark Sulfurized Cutting Oil  
CHEMICAL FAMILY.....: Lubricant  
FORMULA.....: Mixture  
PRODUCT CODE.....: 11-18

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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\* HEALTH..... 1 \*  
\* FLAMMABILITY.. 1 \*  
\* 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
Lubricating Oil Base Stock	64742-54-7			
	or 64742-65-0		5 mg/m3	as mist
	and	87 %	total	base oil
Lubricating Oil Base Stock	64742-57-0			
	or 64742-62-7			
Petroleum Distillate	64742-88-7	2-8	100 twa	100 ppm
Proprietary additives **	N/A	8%	5 mg/m3	as mist
*Exposure limit for total product by OSHA Regulation 29 CFR 1910.1000	N/ I	100	5 mg/m3	as mist
**Further information not currently available from our supplier.				

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

CHEMICAL/COMMON NAME	CAS-NUMBER	%	NTP	IARC	OSHA
All oils are hydro-treated and are,	N/A	N/A	N/A	N/A	N/A



EXTINGUISHING MEDIA-

Foam, water spray (fog), dry chemical, Carbon Dioxide

SPECIAL FIRE FIGHTING PROCEDURES-

Use self-contained breathing apparatus for fire in an enclosed area.

UNUSUAL FIRE AND EXPLOSION HAZARDS-

Spontaneous combustion possible with oily rags etc.

INCOMPATIBILITY (Materials To Avoid)-

Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS-

Smoke, Carbon Monoxide, Carbon Dioxide, Sulfurous oxides

WILL HAZARDOUS POLYMERIZATION OCCUR-

Not known to occur

CONDITIONS TO AVOID FOR POLYMERIZATION-

None known

IS THE PRODUCT STABLE-

Yes

CONDITIONS TO AVOID FOR STABILITY-

None known

**SECTION 6 - SPILL OR LEAK PROCEDURES**

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

Keep non-essential personnel out as spill will be slippery. Dike and contain spill with suitable absorbent. Shovel into metal containers for appropriate disposal. Prevent entry of the spill into any watercourse or other surface water. Advise authorities if this occurs.

WASTE DISPOSAL METHODS-

This product is suitable for recycling as used motor oil. Consult Federal, state and local authorities.

**SECTION 7 - EXPOSURE CONTROL INFORMATION**

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VENTILATION-

LOCAL EXHAUST: N/A

SPECIAL.....: N/A

MECHANICAL (General): **Good** general needed

OTHER.....: N/A

RESPIRATORY PROTECTION-

Not normally needed

PROTECTIVE GLOVES-

Impervious

OTHER PROTECTIVE EQUIPMENT-  
N/A

OTHER ENGINEERING CONTROLS-  
N/A

WORK PRACTICES-  
Clean spills promptly to prevent falls

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-  
Store away from heat or other ignition sources.

MAINTENANCE PRECAUTIONS-  
"Empty" containers retain residue and can be dangerous. Do not pressurize, weld, cut, braze, solder drill, grind or expose such containers to heat, flame or other sources of ignition. They may explode causing injury or death.

OTHER PRECAUTIONS-  
KEEP OUT OF REACH OF CHILDREN

ADDITIONAL COMMENTS-  
Shipping Name: Petroleum Oil. Class 65, Not regulated.