

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : HEM-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...: GYROL-PLUS
CHEMICAL NAME/SYNONYMS: Gear Oil Additive
CHEMICAL FAMILY.....: Lubricant
FORMULA.....: Mixture
PRODUCT CODE.....: 13-49

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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

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 | N/I | 5 mg/m3 | as mist |
| Petroleum Distillate | 8002-05-9 | N/I | 5 mg/m3 | as mist |
| Polymer | 9003-29-6 | N/I | N/I | N/I |
| Diphenyl Amine | 122-39-4 | N/I | N/I | N/I |
| Alkylated Diphenyl Amines | 68921-45-9 | N/I | N/I | N/I |
| NJ# 800967-5014p | N/I | N/I | N/I | N/I |
| *Exposure limit for total product by OSHA Regulation 29 CFR 1910.1000 | N/I | 100 | 5 mg/m3 | as mist |

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

| CHEMICAL/COMMON NAME | CAS-NUMBER | % | NTP | IARC | OSHA |
|----------------------|------------|-----|-----|------|------|
| None listed | N/A | N/A | N/A | N/A | N/A |

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-

Effects vary with individual and exposure should be minimized. The incidence of injuries of all types with lubricating oils is extremely rare.

SKIN: Prolonged or repeated skin contact may cause skin irritation from the defatting of the skin.

EYES: Eye contact may cause irritation.

INGESTION: This product is of a low order of oral toxicity.

INHALATION: If this material is sprayed, inhalation injury is possible. Oil coating on lung tissue could cause breathing difficulty and suffocation.

Minute amounts of product aspirated into the lungs during ingestion can cause chemical pneumonitis.

PRIMARY ROUTES OF ENTRY-

Skin, eyes, inhalation

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-

None known

EMERGENCY FIRST AID PROCEDURES-

EYES: If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call physician.

SKIN CONTACT: In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water. Wash clothing before reuse.

INHALATION: If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen if available. If overexposed to oil mist, remove from further exposure until excessive oil mist condition subsides.

INGESTION: If ingested. DO NOT induce vomiting; call a physician immediately.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F).....: 620 F

VAPOR PRESSURE (mmHg): <.01

VAPOR DENSITY (AIR=1): >5

SPECIFIC GRAVITY (WATER=1).....: 0.9

PERCENT VOLATILE BY VOLUME (%): Nil

EVAPORATION RATE (Water =1): <0.01

SOLUBILITY IN WATER-

less than 0.1 %, negligible

APPEARANCE AND ODOR INFORMATION-

Red, viscous liquid with characteristic "sulfur oil" odor

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): 350 F

FLAMMABLE LIMITS : Lel=N/I UEL=N/I

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

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

| | |
|--------------------|---|
| VENTILATION- | |
| LOCAL EXHAUST: N/A | MECHANICAL (General): Good general needed |
| SPECIAL.....: N/A | OTHER.....: N/A |

RESPIRATORY PROTECTION-
Not normally needed

PROTECTIVE GLOVES-
Impervious

OTHER PROTECTIVE EQUIPMENT-
NIA

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

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-
Freight classification: Lubricant, NOI. Not regulated. Class 65.