



Material Safety Data Sheet

Product Name: **SUPER DEXRON III/MERCON ATF**

MSDS#: P1008

Section 1: Chemical Product & Company Identification:

Supplier Information:

Mid-Town Petroleum, Inc.

9707 S. 76th Ave.

Bridgeview, IL USA 60455

Phone: (708) 599-8700 Fax: (708) 599-1040 Emergency: (800) 255-3924

Manufacturer Information:

Mid-Town Petroleum, Inc.

5009 West 81st Street

Indianapolis, IN USA 46268

Phone: (800) 829-8899 Fax: (317) 875-0889 Emergency: (800) 255-3924

MSDS Prepared: 2/2/2009

MSDS Revised: 2/2/2009

Formula: DEXRON/MERCON

Group ID: MOTOR OIL

Keyword: ATF

Mfg. MSDS#: P1008

Synonym(s):

DEXRON III/MERCON, DEXRON II/MERCON, DEXRON

Section 2: Physical/Chemical Characteristics

Specific Gravity: EQ 0.88 H₂O=1

Viscosity: BT 6.5 7.5 Cst @100C

Solubility In Water: SLIGHT <1%

Reactivity In Water: NO DATA AVAILABLE

Solubility In Solvent: NO DATA AVAILABLE

Appearance/Odor: AMBER LIQUID/HYDROCARBON ODOR

Manufacturer NFPA

Health: 1

Flammability: -

Reactivity: 1

Protective Equipment: -

Manufacturer HMIS

Health: 1

Fire: 1

Reactivity: 1

Section 3: FIRE AND EXPLOSION DATA:

Closed Cup Flash Pt.: GE 400 °F

Open Cup Flash Point: NO DATA AVAILABLE

Auto Ignition: NO DATA AVAILABLE

Fire Point: NO DATA AVAILABLE

LEL/LFL: % NO DATA AVAILABLE

UEL/UFL: % NO DATA AVAILABLE

Section 4: DOT INFORMATION:

Misc: NOT REGULATED

Proper Shipping Name: 49 CFR 172.101 AS REVISED ON OCTOBER 1, 1993 - NOT REGULATED

Preparers Info.: HARJI GILL, TECHNICAL DIRECTOR-PINNACLE OIL, INC.

Section 5: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name:

blended mineral oil (SEVERLY SOLVENT REFINED PARAFFINIC BASE STOCKS)

Notes: CAS # MIXTURE

Product: Yes Percent: GE 88

Exposure Limits

OSHA PEL: 5 MG/M3

ACGIH TLV: 5 MG/M3

ACGIH STEL: 10 MG/M3

Component Name:

Additives (ACRYLIC COPOLYMER, 2-PROPENIC ACID, 2-METHYL-DODDECYL ESTER)

Notes: CAS # MIXTURE

Product: Yes Percent: LE 12

Exposure Limits

Limit Note: NONE ESTABLISHED

Component Name:

ZINC ALKYL DITHIOPHOSPHATE

Notes: CAS # 68649-42-3

Product: Yes Percent: LE 2.2

Exposure Limits

Limit Note: NONE ESTABLISHED

Section 6: HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE:

SHORT-TERM LIQUID OR VAPOR CONTACT MAY RESULT IN SLIGHT EYE IRRITATION.

SKIN:

PROLONGED OR REPEATED LIQUID CONTACT MAY CAUSE DERMATITIS, FOLLICULITIS OR OIL ACNE.

INHALATION:

EXPOSURE TO VAPORS OR MISTS OF THIS PRODUCT MAY CAUSE RESPIRATORY IRRITATION, DIZZINESS AND NAUSEA. PROLONGED OVER EXPOSURE TO THE VAPORS OR MIST MAY PRODUCE CHEMICAL PNEUMONITIS.

INGESTION:

MOTOR OIL HAS A LOW ORDER OF ACUTE TOXICITY. THIS IS BASED ON DATA FROM COMPONENTS OR SIMILAR PRODUCTS. A SIMILAR PRODUCT HAS AN ORAL LD50 VALUE >5 GM/KG.

CARCINOGEN LISTING:
NO DATA AVAILABLE.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
NO DATA AVAILABLE.

Section 7: FIRST AID MEASURES

EYE:
FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IF SYMPTOMS OR IRRITATION OCCUR, CALL A PHYSICIAN.

SKIN:
WASH WITH SOAP AND LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING.
IF SYMPTOMS OR IRRITATION OCCUR, CALL A PHYSICIAN.

INHALATION:
MOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IMMEDIATELY CALL A PHYSICIAN. IF SYMPTOMS OR IRRITATION OCCUR WITH ANY EXPOSURE, CALL A PHYSICIAN.

INGESTION:
NOT EXPECTED BE ACUTELY TOXIC. IF LARGE AMOUNTS ARE SWALLOWED, IMMEDIATELY CALL A PHYSICIAN.

Section 8: FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS:
NP DATA AVAILABLE

EXTINGUISHING MEDIA:
CLASS B FIRE EXTINGUISHING MEDIA SUCH AS HALON, CO2, DRY CHEMICAL OR WATER SPRAY CAN BE USED. FIRE FIGHTING SHOULD BE ATTEMPTED ONLY BY THOSE WHO ARE ADEQUATELY TRAINED.

SPECIAL FIRE FIGHTING INSTRUCTIONS:
AVOID USING SOLID WATER STREAMS. WATER SPRAY AND FOAM MUST BE APPLIED CAREFULLY TO AVOID FROTH OVER. AVOID EXCESSIVE APPLICATION. USE WATER SPRAY TO COOL EXPOSED SURFACES.

Section 9: ACCIDENTAL RELEASE MEASURES

KEEP PUBLIC AWAY. SHUT OFF SOURCE OF LEAK IF POSSIBLE TO DO SO WITHOUT HAZARD. ELIMINATE ALL IGNITION SOURCES. ADVISE NATIONAL RESPONSE CENTER (800) 424-8802 IF PRODUCT HAS ENTERED A WATERCOURSE. ADVISE LOCAL AND STATE EMERGENCY STATE EMERGENCY SERVICES AGENCIES, IF APPROPRIATE. CONTAIN LIQUID WITH SOIL OR SAND. RECOVER AND RETURN FREE LIQUID TO SOURCE. USE SUITABLE SORBENTS TO CLEANUP RESIDUAL LIQUIDS.

Section 10: HANDLING AND STORAGE

PRODUCT SHOULD BE HANDLED AND STORED IN ACCORDANCE WITH INDUSTRY ACCEPTED PRACTICES. COMPLY WITH ALL APPLICABLE OSHA, NFPA AND CONSISTENT LOCAL REQUIREMENTS. USE APPROPRIATE GROUNDING AND BONDING PRACTICES. STORE IN PROPERLY

CLOSED CONTAINERS THAT ARE APPROPRIATELY LABELED. CUTTING OR WELDING ON EMPTY CONTAINERS MAY CAUSE FIRE OR EXPLOSION. DO NOT PRESSURIZE OR EXPOSE TO HEAT, OPEN FLAME, STRONG OXIDIZERS OR OTHER SOURCES OF IGNITION. AVOID REPEATED OR PROLONGED SKIN CONTACT. EXERCISE GOOD PERSONAL HYGIENE INCLUDING REMOVAL OF SOILED CLOTHING AND PROMPT WASHING WITH SOAP AND WATER.

Section 11: EXPOSURE CONTROL/ PERSONAL PROTECTION

ENGINEERING CONTROLS:

LOCAL OR GENERAL EXHAUST REQUIRED WHEN USING AT ELEVATED TEMPERATURES THAT GENERATE VAPORS OR MIST.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION:

NOT NORMALLY REQUIRED FOR ROUTINE OPERATIONS. APPROVED ORGANIC VAPOR CHEMICAL CARTRIDGE OR SUPPLIED AIR RESPIRATORS SHOULD BE WORN WHEN EXCESSIVE VAPORS OR MISTS ARE GENERATED. OBSERVE RESPIRATOR PROTECTION FACTOR CRITERIA CITED IN ANSI Z88.2 (1992). SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED FOR FIRE FIGHTING.

SKIN PROTECTION:

NEOPRENE, NITRILE OR PVA GLOVES TO PREVENT SKIN CONTACT.

EYE PROTECTION:

NO DATA AVAILABLE

Section 12: STABILITY AND REACTIVITY

STABILITY:

THIS MATERIAL IS STABLE AT 70F, 760MM PRESSURE.

CONDITIONS TO AVOID:

HEAT AND OPEN FLAMES. "EMPTY" PRODUCT CONTAINERS MAY RETAIN PRODUCT RESIDUE. DO NOT PRESSURIZE, CUT, HEAT OR EXPOSE TO FLAME; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES AND HYDROCARBONS. THERMAL DECOMPOSITION MAY PRODUCE HYDROGEN SULFIDE AND OTHER SULFUR-CONTAINING GASES AT TEMPERATURES GREATER THAN 150 F.

INCOMPATIBLE MATERIALS:

STRONG OXIDIZERS.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR.

Section 13: TOXICOLOGICAL INFORMATION

THIS PRODUCT CONTAINS A ZINC ALKYL DITHIOPHOSPHATE (ZDDP). ZDDP HAS BEEN FOUND TO HAVE WEAK MUTAGENIC ACTIVITY IN CULTURED CELLS. REPEATED DERMAL EXPOSURES OF ZDDP PRODUCED SEVERE SKIN IRRITATION, SIGNIFICANT WEIGHT LOSS AND TESTICULAR ATROPHY IN MALE RABBITS BUT NOT MALE RATS. IT IS NOT CLEAR WHETHER THE TESTICULAR EFFECT WAS DUE TO TOXICITY OF ZDDP OR THE SEVERE STRESS AND WEIGHT LOSS SINCE OTHER CAUSTIC MATERIALS PRODUCE SIMILAR EFFECTS. THE CONCENTRATION OF ZDDP IN THIS PRODUCT IS SIGNIFICANTLY LOWER THAN THE EXPOSURE LEVELS THAT PRODUCED THESE EFFECTS IN RABBITS.

USED MOTOR OIL WAS FOUND TO PRODUCE SKIN TUMORS IN MICE IN LIFETIME SKIN PAINTING STUDIES. SOLVENT EXTRACTS OF USED MOTOR OILS WERE FOUND TO BE POSITIVE IN THE AMES MUTAGENICITY TEST.

Section 14: ECOLOGICAL INFORMATION

NEW AND USED MOTOR OILS MAY BE TOXIC TO AQUATIC LIFE.

Section 15: DISPOSAL CONSIDERATION

DON'T POLLUTE. CONSERVE RESOURCES. RETURN USED MOTOR OIL TO COLLECTION CENTERS. DISPOSE OF CLEANUP MATERIALS IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

Section 16: TRANSPORTATION INFORMATION

49 CFR 172.101 AS REVISED ON OCTOBER 1, 1993.
NOT REGULATED,

Section 17: REGULATORY INFORMATION

SARA TITLE III/SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986- SECTIONS 302, 304, 311, 312, AND 313.

THE FOLLOWING REGULATIONS APPLY TO THIS PRODUCT:

THIS PRODUCT DOES NOT MEET ANY OF THE PHYSICAL OR HEALTH CRITERIA DEFINED IN OSHA'S HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 (52 FR 31852- AUGUST 24, 1987) AND THEREFORE IS NOT REPORTABLE UNDER SECTIONS 311 AND 312.

SECTION 313 - TOXIC CHEMICAL RELEASE REPORTING :

40 CFR PART 372 (53 FR 4500 - FEBRUARY 16, 1988; 53 FR 12728 - APRIL 18, 1988; 53 FR 23108 - JUNE 20, 1988).

THIS PRODUCT CONTAINS THE FOLLOWING COMPONENT(S) (AT A LEVEL OF 1% OR GREATER IF HAZARDOUS; 0.1% OR GREATER IF CARCINOGENIC) THAT IS/ARE IDENTIFIED ON THE SECTION 313 TOXIC CHEMICAL LIST:

-----COMPONENT-----
ZINC COMPOUNDS

-----CAS NUMBER-----
N.A.

Section 18: OTHER INFORMATION

DISCLAIMER:

THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED FOR IN COMBINATION WITH OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS, TO THE BEST OF PINNACLE OIL'S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABLENESS AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE.

END OF REPORT.