

# MSDS DATA SHEET

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Part Number: 12345880

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DISPLAY MATERIAL SAFETY DATA SHEET 10:44:40

SCREEN QA06\_\_ KEY 0000940601,0000000018\_\_\_\_\_

FID#: 00236823 VER-DT: 01/02/91

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SECTION 01: CHEMICAL PRODUCT & COMPANY ID  
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PRODUCT PRIMARY NAME: DEXRON II-E

PLANT SYNONYMS: DEXRON II-E

- > 12345880
- > 12345881
- > 12345882
- > 12345883
- > 12351796
- > 12351797

SAFE USE CATEGORY AND DESCRIPTION: 04 -METAL WORKING FLUIDS AND LUBRICANTS

LAST UPDATED DATE: 1992-02-07

MANUFACTURER'S ID (MID): 000511983

MANUFACTURER'S NAME: CITGO PETROLEUM CORP

MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 918-495-4700 EMERGENCY

MANUFACTURER'S MAILING ADDRESS:

P.O. BOX 3758

TULSA OK 74102-3758

US

CHEMICAL FAMILY NAME: TRANSMISSION FLUID

MOLECULAR FORMULA: MIXTURE

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SECTION 02: COMPOSITION & INGREDIENT INFO  
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CAS#	FORMULATION	W/V	CHEMICAL NAME
008042475	< 0.0000/ 20.0000%	W	MINERAL OIL, SLAB OIL
064741884	< 0.0000/ 20.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES
*			, SOLVENT-REFINED (severe) HEAVY P
*			ARAFFINIC
064741895	> 80.0000/ 0.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES
*			, SOLVENT-REFINED (severe) LIGHT P
*			ARAFFINIC
064742525	< 0.0000/ 20.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES
*			, HYDROTREATED (severe) HEAVY NAPH
*			THENIC
064742536	< 0.0000/ 20.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES
*			, HYDROTREATED (severe) LIGHT NAPH
*			THENIC
064742547	< 0.0000/ 20.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES
*			, HYDROTREATED (severe) HEAVY PARA
*			FFINIC
*			ISTILLATE
064742650	< 0.0000/ 20.0000%	W	SOLVENT-DEWAXED HEAVY PARAFFINIC D
*			ISTILLATE
989919205	< 0.0000/ 20.0000%	W	ANTIOXIDANTS

989937365 < 0.0000/ 0.1000% W OIL RED DYE  
989950494 < 0.0000/ 20.0000% W ANTIWEAR ADDITIVES

THRESHOLD LIMIT VALUE: MINERAL OIL MIST: TWA 5MG/M3; STEL 10MG/M3;  
CEILING N/D.

PERMISSIBLE EXPOSURE LIMIT: MINERAL OIL MIST: TWA 5MG/M3; STEL N/D;  
CEILING N/D; PEAK N/D.

CERCLA (SUPERFUND) REPORTABLE QUANTITY (LBS): PETROLEUM AND PETROLEUM  
FRACTIONS ARE EXCLUDED FROM THE LIST OF CERCLA HAZARDOUS SUBSTANCES BY  
SECTION 101(14) OF CERCLA.

SECTION 03: HAZARDS IDENTIFICATION

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PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = N  
EYE PRIMARY ENTRY ROUTE INDICATOR = N  
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y  
INGESTION PRIMARY ENTRY ROUTE INDICATOR = N

PRIMARY ROUTES OF ENTRY TEXT: INHALATION OF INCIDENTAL MISTS OR VAPORS.

EFFECTS OF OVEREXPOSURE: ACUTE EXPOSURE SYMPTOMS: INHALATION: LOW RISK  
AT AMBIENT TEMPERATURES. MISTS OR FUMES MAY CAUSE DIZZINESS, HEADACHE,  
NAUSEA, RESPIRATORY IRRITATION, OR CHEMICAL PNEUMONITIS. DERMAL  
CONTACT: TRANSIENT, SLIGHT IRRITANT. EYE CONTACT: PRACTICALLY  
NON-IRRITANT. INGESTION: LOW TOXICITY. AT A SAYB LT VISCOSITY OF  
APPROXIMATELY 187 SUS (100F), THE RISK OF ASPIRATION INTO THE LUNGS IS  
REDUCTED. IF LESS THAN 1 OZ. IS INGESTED, MATERIAL MAY PASS THROUGH THE  
DISCOMFORT, DIARRHEA, AND HEADACHE MAY OCCUR. INJECTION: SUBCUTANEOUS  
OR INTRAMUSCULAR INJECTION MAY CAUSE IRRITATION, ERYTHEM, EDEMA. CHRONIC  
EXPOSURE: DERMAL, PROLONGED AND REPEATED EXPOSURE MAY CAUSE DRYING OF  
THE SKIN. OTHER SPECIAL EFFECTS: NONE. MEDICAL CONDITIONS AGGRAVATED BY  
EXPOSURE: NONE.

ADDITIONAL HEALTH HAZARD DATA: \*\*HEALTH: NON-HAZARDOUS (OHCS).  
\*\*PRECAUTIONARY STATEMENT: NONE REQUIRED. \*\*TOXICITY DATA: REFINED  
PETROLEUM DISTILLATES (#64741895): ORAL LD50 (RAT) >15G/KG. EYE:  
PRACTICALLY NON-IRRITATING. SKIN: NON-IRRITATION OR PRACTICALLY  
NON-IRRITATING. INHLN LC50/4H(RAT) >5MG/L. DYE, RED (#989937 65): ORAL  
LD50 (RAT) 12.6G/KG. DERMAL: LD50 (RABBIT) 10.2G/KG. \*\*TOXICITY  
SUMMARY: PRACTICALLY NON-TOXIC. \*\*HEALTH HAZARD DATA: PRODUCT LISTED AS  
CARCINOGEN OR POTENTIAL CARCINOGEN BY: NTP=NO; IARC=NO; OSHA=NO;  
OTHER=NO. HEALTH HAZARD CLASSIFICATION (PER 29CFR 1910.1200) THE ANSWER  
TO THE FOLLOWING IS NO: CARCINOGEN, ANIMAL CARCINOGEN, SUSPECT  
SENSITIZER, TERATOGEN, TARGET ORGAN. \*\*PHYSICAL HAZARD CLASSIFICATION  
(PER 29CFR 1910.1200)THE ANSWER TO THE FOLLOWING IS NO: COMBUSTIBLE,  
COMPRESSED GAS, EXPLOSIVE, FLAMMABLE, ORGANIC PEROXIDE, OXIDIZER,  
PYROPHORIC, REACTIVITY. THE ANSWER TO THE FOLLOWING IS YES: STABLE.  
\*\*THIS PRODUCT DOES NOT CONTAIN TOXIC CHEMICALS OF SECTION 313 OF TITLE  
III OF SARA AND 40CFR372. SECTION 311 - HAZARD CATEGORIES: ACUTE=NO;  
CHRONIC=NO; FIRE=NO; SUDDEN RELEASE OF PRESSURE=NO; REACTIVITY=NO.

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SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - GENERAL: INHALATION: REMOVE FROM  
EXPOSURE TO INCIDENTAL FUMES AND PROVIDE RESPIRATORY SUPPORT IF  
NECESSARY. DERMAL: WASH WITH SOAP AND WATER. EYES: FLUSH WITH LARGE  
VOLUMES OF WATER. INGESTION: SEEK MEDICAL AID. INJECTION: SEEK MEDICAL  
AID. NOTES TO PHYSICIAN: FOLLOWING INGESTION, AT A SAYBOLT VI COSITY OF  
REDUCES. FOR QUANTITIES ABOVE 1 OZ., EMESIS OR LAVAGE MAY BE  
CONSIDERED. SUBCUTANEOUS OR INTRAMUSCULAR INJECTION REQUIRES PROMPT

SURGICAL DEBRIDEMENT. IF NOT FAMILIAR WITH TECHNIQUE, SEEK SKILLED ADVICE.

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SECTION 05: FIRE-FIGHTING MEASURES  
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EXTINGUISHING MEDIA: CO2, DRY CHEMICAL, FOAM, WATER FOG.

SPECIAL FIRE FIGHTING PROCEDURES: NONE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: WATER MAY CAUSE FROTHING. FIRE POINT, COC: 410F/210C. NFPA: HEALTH=0 (LEAST); FLAMMABILITY=1 (SLIGHT); REACTIVITY=0 (LEAST). (CITGO ASSIGNMENT BASED ON CITGO'S EVALUATION PER NFPA GUIDELINES). HMIS: HEALTH=0 (LEAST); FLAMMABILITY=1 (SLIGHT);

NFPA CODES:

NFPA FLAMMABILITY CODE = 0

NFPA HEALTH CODE = 2

NFPA REACTIVITY CODE = 1

FLASH POINT TEMPS: 201.00C/ 395.00F

FLASH POINT TEXT: 395F/202C COC; 340F/173C PM

FLASH POINT METHOD: COC

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SECTION 06: ACCIDENTAL RELEASE MEASURES  
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SPILL OR LEAK PROCEDURES: SMALL SPILLS: TAKE UP WITH NON-COMBUSTIBLE ABSORBANT SUCH AS FULLER'S EARTH OR SAND. PLACE INTO CONTAINERS FOR LATER DISPOSAL. LARGE SPILLS: CONTAIN SPILL OF PRODUCT OR USED OIL IN EARTH DIKES FOR LATER RECOVERY. CONTROL IGNITION SOURCES AROUND SPILL MEASURES DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT. REFER TO SECTION 8 - SPECIAL PROTECTION INFORMATION. WASH FLUID-EXPOSED SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE SOILED CLOTHING. USE POLYMER GLOVES IF EXTENDED, DIRECT CONTACT IS EXPECTED.

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SECTION 07: HANDLING AND STORAGE  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORAGE: KEEP CONTAINERS AWAY FROM HEAT AND FLAME. INSPECT EMPTY CONTAINERS BEFORE USE. THEY MAY CONTAIN PRODUCT RESIDUE WHICH COULD INCLUDE FLAMMABLE AND EXPLOSIVE VAPORS.

SECTION 7 - OTHER INFORMATION: CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL AUTHORITIES BEFORE REUSING, RECONDITIONING, RECLAIMING, RECYCLING OR DISPOSING OF EMPTY CONTAINERS AND/OR WASTE RESIDUES OF THIS PRODUCT.

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SECTION 08: EXPOSURE CONTROLS - PROTECTION  
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EYE PROTECTION: SAFETY GLASSES.

RESPIRATORY PROTECTION: IF HIGH CONCENTRATIONS OF MISTS OR FUMES ARE EXPECTED, USE APPROVED ORGANIC RESPIRATOR.

PERSONAL PROTECTIVE EQUIPMENT: WEAR BODY-COVERING GARMENTS TO PREVENT PROLONGED OR REPEATED DIRET DERMAL EXPOSURE. LAUNDER SOILED WORK CLOTHES BEFORE REUSE.

SECTION 8 - OTHER INFORMATION: USE IN WELL VENTILATED AREA. IN CONFINED SPACE, MECHANICAL VENTILATION MAY BE REQUIRED TO KEEP LEVELS OF CERTAIN COMPONENTS BELOW MANDATED STANDARDS, AS EVALUATED BY DESIGNATED PERSONNEL.

PROTECTIVE GLOVES (SPECIFY TYPE): OIL IMPERVIOUS GLOVES, RUBBER OR POLYMER, IF FREQUENT OR PROLONGED CONTACT IS EXPECTED.

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SECTION 09: PHYSICAL & CHEMICAL PROPERTIES  
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BOILING POINT TEMPS: > 326.00C/ 620.00F

BOILING POINT TEXT: >620F/320C @760MM HG. MELTING POINT: N/D.

SPECIFIC GRAVITY VALUES: = 0.8700

SPECIFIC GRAVITY TEXT: =0.87 @60/60F

VAPOR DENSITY VALUES: > 1.0000

VAPOR DENSITY TEXT: >1 (AIR=1)

VAPOR PRESSURE VALUES/UOM: < 3.0000MMHG

VAPOR PRESSURE TEXT: <3X10(-4) MM HG @25C

PERCENT VOLATILE BY VOLUME TEXT: NEGLIGIBLE

EVAPORATION RATE VALUES: < 1.00

EVAPORATION RATE TEXT: <1 (BUTYL ACETATE=1)

SOLUBILITY IN WATER TEXT: NEGLIGIBLE

PH OF PRODUCT IN SOLUTION WITH WATER/TEXT: N/A (UNDILUTED PRODUCT)

APPEARANCE: RED LIQUID, MILD ODOR.

PHYSICAL STATE: LIQ

PHYSICAL STATE TEXT: LIQUID

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SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - CONDITIONS TO AVOID: NONE

STABILITY - TEXT: YES

INCOMPATIBLE MATERIALS: STRONG OXIDANTS

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL, UNLESS OTHERWISE SPECIFIED:  
CO2 (CO UNDER INCOMPLETE COMBUSTION), TRACES OF SULFUR OXIDES.

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: NONE.

HAZARDOUS POLYMERIZATION TEXT: NO

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SECTION 13: DISPOSAL CONSIDERATIONS  
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DETERMINE IF THE MATERIAL IS A HAZARDOUS WASTE AT THE TIME OF DISPOSAL.  
CHECK BEFORE DISPOSING TO BE SURE YOU ARE IN COMPLIANCE WITH ALL  
APPLICABLE LAWS AND REGULATIONS. CHEMTREC/RCRA EMERGENCY NUMBER:  
800/424-9346. UNDER SECTION 311 (B) (4) OF THE CLEAN WATER ACT,  
DISCHARGES OF CRUDE OIL AND PETROELUM PRODUCTS IN ANY KIND OR FORM TO  
SURFACE WATERS MUST BE IMMEDIATELY REPORTED TO THE NATIONAL RESPONSE  
CENTER: 800/424-8802.

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SECTION 16: OTHER INFORMATION  
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RCRA HAZARDOUS WASTE NUMBER TEXT: IT IS THE RESPONSIBILITY OF THE USER  
TO DETERMINE IF THE MATERIAL IS A HAZARDOUS WASTE AT THE TIME OF  
DISPOSAL. CHEMTREC/RCRA EMERGENCY NUMBER: 800/424-9346.

SPECIAL PROTECTION (MECHANICAL): IN CONFINED SPACE, MECHANICAL  
MANDATED STANDARDS, AS EVALUATED BY DESIGNATED PERSONNEL.

\*\*\* END OF DATA SHEET \*\*\*