

GENERAL MOTORS CORPORATION MATERIAL SAFETY DATA SHEET

Page 99

(P) **GOODWRENCH MANUAL TRANSAXLE FLUID**
1052931

SECTION 0 — EFFECTIVE DATE

- 1 -> Effective Date: 052088
- 2 -> MSDS signed by: R.T. RICHARDS
- 3 -> Title: MANAGER, ENVIRONMENTAL CONSERVATION & TOXICOLOGY

SECTION 1 — SHIPPING INFORMATION

- 1 -> Chemical Family: TRANSMISSION FLUIDS
- 2 -> Formula: Not Provided
(*)MID: #503788
TEXACO INC
DUNS Account #: 04-607-5107
Emergency telephone #: 914/831-3400 X406
P.O. BOX 509
BEACON, NY 12508

Shipping Name: NON-REGULATED MATERIAL
Hazard Class: Not Subject to DOT Regulation
U.N. Code:
Flash Point: 305F COC

SECTION 2 — INGREDIENTS

CAS-	Formulation	Chemical Name
064742650	50 /65%	SOLVENT-DEWAXED HEAVY PARAFFINIC DISTILLATE
989972126	11 /20%	ALKYL BENZENE C10-C20
030795643	4 /11%	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with methyl 2-methyl-2-propenoate
989912333	1 /4%	MAGNESIUM SULFONATE
989972127	1 /4%	DILUENT OIL
064741975	1 /4%	SOLVENT-REFINED LIGHT NAPHTHENIC DISTILLATE
007440688	= 0.12%	Zinc

SECTION 3 — PHYSICAL DATA

- 1 -> Boiling Point: ND
- 2 -> Specific Gravity: 0.8916
- 3 -> Vapor Pressure: ND
- 4 -> % Volatile by Volume: ND
- 5 -> % Solid by Weight: Not Provided
- 6 -> Vapor Density: ND
- 7 -> Evaporation Rate: ND
- 8 -> Solubility in H2O: ND
- 9 -> pH: NA
- 10 -> Appearance & Odor: DARK PALE LIQUID. VISCOSITY: 35 CST @ 40C.
- 11 -> State: LIQUID

SECTION 4 — FIRE AND EXPLOSION DATA

- 1 -> Flammable Limits - LEL: ND
- 2 -> Flammable Limits - UEL: ND
- 3 -> Extinguishing Media: CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES AND KETONES, COMBUSTION PRODUCTS OF MAGNESIUM, SULFUR, PHOSPHORUS AND ZINC.
- 4 -> Special Fire Fighting Procedures: ACCORDING TO THE NATIONAL FIRE PROTECTION ASSOCIATION GUIDE. USE WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO COOL FIRE-EXPOSED CONTAINERS. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROVIDE PROTECTION FOR PERSONS ATTEMPTING TO STOP THE LEAK.
- 5 -> Unusual Fire & Explosion Hazards: NONE. HMIS: HEALTH=1, FLAMMABILITY=1, REACTIVITY=0.

SECTION 5 — HEALTH HAZARD DATA

- 1 -> Effects of Overexposure: EYES: BELIEVED TO CAUSE SLIGHT-MODERATE EYE IRRITATION. SKIN: BELIEVED TO BE MINIMALLY IRRITATING. RESPIRATORY SYSTEM: BELIEVED TO BE MINIMALLY IRRITATING IF NOT IN EXCESS OF PERMISSIBLE CONCENTRATIONS. CHRONIC: ND. SENSITIZATION PROPERTIES: UNKNOWN.
- 2 -> Threshold Limit Value: SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES #64742650: 5 MG/M3 (MIST), STEL 10 MG/M3 (MIST). SOLVENT REFINED LIGHT NAPHTHENIC PETROLEUM DISTILLATES #64741975: 5 MG/M3 (MIST), 10 MG/M3 STEL (MIST)
- 3 -> Permissible Exposure Limit: SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES #64742650: 5 MG/M3 (MIST). SOLVENT REFINED LIGHT NAPHTHENIC PETROLEUM DISTILLATES #64741975: 5 MG/M3 (MIST).
- 4 -> Other limit: Not Provided
- 5 -> Primary routes of entry: EYE AND SKIN CONTACT, INHALATION
- 6 -> Emergency First Aid Procedures: EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH EXPOSED AREAS WITH SOAP AND WATER. INGESTION AND INHALATION: NONE CONSIDERED NECESSARY. OTHER INSTRUCTIONS: NONE.

SECTION 6 — REACTIVITY DATA

- 1 -> Stable: YES
- 2 -> Conditions to Avoid: Not Provided
- 3 -> Incompatible Materials: STRONG OXIDIZERS
- 4 -> Hazardous Decomposition Products: Not Provided
- 5 -> Can Hazardous Polymerization Occur: ND
- 6 -> Conditions to Avoid: Not Provided

SECTION 7 — SPILL OR LEAK PROCEDURES

- 1 -> Steps to be taken in case material is released or spilled: CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL AND SHOVEL UP.
- 2 -> Waste Disposal Method: UNDER RCRA, IT IS THE RESPONSIBILITY OF THE USER OF PRODUCTS TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER PRODUCT MEETS RCRA CRITERIA FOR HAZARDOUS WASTE. THIS IS BECAUSE PRODUCT USES, TRANSFORMATIONS, MIXTURE, PROCESSES, ETC. MAY RENDER THE RESULTING MATERIAL HAZARDOUS.
- 3 -> CERCLA (Superfund) Reportable quantity (lbs): METHYL METHACRYLATE #80626: 0.01-0.09% 1000 LBS.
- 4 -> RCRA Hazardous Waste No. (40 CFR 261.33): WASTE CLASSIFICATION: PRODUCT HAS BEEN EVALUATED FOR RCRA CHARACTERISTICS AND DOES NOT MEET CRITERIA OF A HAZARDOUS WASTE IF DISCARDED IN ITS PURCHASED FORM.
- 5 -> Volatile Organic Compound (VOC) Theoretical: Not Provided
- 6 -> Volatile Organic Compound (VOC) Analytical: Not Provided

SECTION 8 — SPECIAL PROTECTION INFORMATION

- 1 -> Respiratory Protection: NONE REQUIRED IF EXPOSURES ARE WITHIN PERMISSIBLE CONCENTRATIONS.
- 2 -> Local Exhaust: ADEQUATE TO MEET COMPONENT PERMISSIBLE CONCENTRATIONS.
- 3 -> Special: Not Provided
- 4 -> Mechanical: Not Provided
- 5 -> Other: Not Provided
- 6 -> Protective Gloves (Specify type): Not Provided
- 7 -> Eye Protection (Specify type): CHEMICAL TYPE GOGGLES OR FACE SHIELD OPTIONAL.
- 8 -> Other Protective Equipment: EXPOSED EMPLOYEES SHOULD EXERCISE REASONABLE PERSONAL CLEANLINESS; THIS INCLUDES CLEANSING EXPOSED SKIN AREAS SEVERAL TIMES DAILY WITH SOAP AND WATER, AND LAUNDERING OR DRY CLEANING SOILED WORK CLOTHING AT LEAST WEEKLY.

SECTION 9 — SPECIAL PRECAUTIONS

- 1 -> Precautions to be taken in Handling & Storage: CAUTION! MAY CAUSE IRRITATION TO EYES. AVOID CONTACT WITH EYES. WASH THOROUGHLY AFTER HANDLING.
- 2 -> Other Precautions: MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED. WATER CONTAMINATION SHOULD BE AVOIDED.

SECTION 10 — ADDITIONAL DATA

- 1 -> Additional Health Hazard Data: ORAL: BELIEVED TO BE > 5 G/KG (RAT); PRACTICALLY NON-TOXIC. INHALATION: ND. DERMAL: BELIEVED TO BE > 3 G/KG (RABBIT); PRACTICALLY NON-TOXIC. OTHER: ND. IRRITATION INDEX: BELIEVED TO BE < 0.5/8.0 (RABBIT); NO APPRECIABLE EFFECT. EYES: BELIEVED TO BE 15-25/110 (RABBIT); SLIGHTLY IRRITATING. TITLE III SECTION 311: ACUTE. TITLE III SECTION 313: ZINC C > 4 DIALKYLDIETHOPHOSPHATE 1-4% REACTIVE.