

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

TRADENAME REAR AXLE LUBRICANT
 SAE 80W-90, API GL-5
 12345977

MSDS SIGNED BY NAME: NA

MSDS SIGNED BY TITLE: NA

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

MSDS CREATE DATE: 1985-01-01

LAST UPDATED DATE: 1992-02-13

MANUFACTURER'S ID (MID): 000503788

MANUFACTURER'S NAME: TEXACO LUBRICANTS COMPANY

MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 814-831-3400

MANUFACTURER'S MAILING ADDRESS:

DIV TEXACO REFINING & MARKETING

P.O. BOX 4427

HOUSTON TX 77210-4427

US

CHEMICAL FAMILY NAME: GEAR OIL

MOLECULAR FORMULA: NA

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/W	CHEMICAL NAME
007440428	< 0.0000/ 11.0000%	W	BORON
007704349	< 0.0000/ 11.0000%	W	Sulfur
007723140	< 0.0000/ 11.0000%	W	Phosphorus
007727379	< 0.0000/ 11.0000%	W	NITROGEN
084742850	R 35.0000/ 50.0000%	W	SOLVENT-DEWAXED HEAVY PARAFFINIC DISTILLATE
072623837	R 35.0000/ 50.0000%	W	Lubricating oils, petroleum, C>25, hydrotreated bright stock-based
989922375	R 4.0000/ 11.0000%	W	ADDITIVE PACKAGE

THRESHOLD LIMIT VALUE: SOLVENT DEWAXED PETROLEUM (#64742650): 5 MG/M3 (MIST); 10 MG/M3 STEL (MIST). HYDROTREATED C25 BRIGHT HYDROTREATED LUBRICATING OIL (#72623837): 5 MG/M3 (MIST); 10 MG/M3 STEL (MIST).

PERMISSIBLE EXPOSURE LIMIT: SOLVENT DEWAXED PETROLEUM (#64742650): 5 MG/M3 (MIST). HYDROTREATED LUBRICATING OIL (#72623837): 5 MG/M3 (MIST).

CERCLA (SUPERFUND) REPORTABLE QUANTITY (LBS) NONE

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = Y

EYE PRIMARY ENTRY ROUTE INDICATOR = Y

INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y

INGESTION PRIMARY ENTRY ROUTE INDICATOR = N

PRIMARY ROUTES OF ENTRY TEXT: EYES, SKIN AND INHALATION

EFFECTS OF OVEREXPOSURE: MAY CAUSE EYE AND SKIN IRRITATION. EYE: MAY CAUSE IRRITATION, EXPERIENCED AS MILD DISCOMFORT AND SEEN AS SLIGHT EXCESS REDNESS OF THE EYE. SKIN: NO ADVERSE EFFECTS EXPECTED FROM ABSORPTION OF MATERIAL THROUGH THE SKIN. BRIEF CONTACT MAY CAUSE SLIGHT IRRITATION. PROLONGED CONTACT, AS WITH CLOTHING WETTED WITH MATERIAL, MAY CAUSE MORE SEVERE IRRITATION AND DISCOMFORT, SEEN AS LOCAL REDNESS AND SWELLING. INHALATION: VAPORS OR MIST, IN EXCESS OF PERMISSIBLE CONCENTRATIONS, OR IN UNUSUALLY HIGH CONCENTRATIONS GENERATED FROM SPRAYING, HEATING THE MATERIAL OR AS FROM EXPOSURE IN POORLY VENTILATED AREAS OR CONFINED SPACES, MAY CAUSE IRRITATION OF THE NOSE AND THROAT, HEADACHE, NAUSEA, AND DROWSINESS. INGESTION: NO ADVERSE EFFECTS EXPECTED. IF MORE THAN SEVERAL MOUTHFULS ARE SWALLOWED, ABDOMINAL DISCOMFORT, NAUSEA, AND DIARRHEA MAY OCCUR. SENSITIZATION: UNKNOWN. CHRONIC: NO ADVERSE EFFECTS EXPECTED. MEDICAL CONDITIONS AGGRAVATED: BECAUSE OF ITS IRRITATING PROPERTIES, REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS (SKIN) CONDITION. OTHER REMARKS: NONE.

ADDITIONAL HEALTH HAZARD DATA: WARNING STATEMENT: MAY CAUSE EYE AND SKIN IRRITATION. PRECAUTIONARY MEASURES: VOID CONTACT WITH EYES AND SKIN. AVOID PROLONGED BREATHING OF MIST OR VAPOR.

WASH THOROUGHLY AFTER HANDLING. FIRST AID: EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS APART WHILE FLUSHING TO RINSE ENTIRE SURFACE OF EYE AND LIDS WITH WATER. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER FOR SEVERAL MINUTES. GET MEDICAL ATTENTION IF SKIN IRRITATION DEVELOPS OR PERSISTS. INHALATION: IF IRRITATION, HEADACHE, NAUSEA, OR DROWSINESS OCCURS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING BECOMES DIFFICULT OR SYMPTOMS PERSIST. INGESTION: IF MORE THAN SEVERAL MOUTHFULS HAVE BEEN SWALLOWED, GIVE TWO GLASSES OF WATER (16 OZ). GET MEDICAL ATTENTION. FIRE: IN CASE OF FIRE, USE FOAM, DRY CHEMICAL, OR CO₂. USE WATER SPRAY TO KEEP CONTAINER COOL. CHEMICALS: *ADDITIVE PKG. CONTAINING BORON, NITROGEN, PHOSPHOROUS & SULFUR-(RANGE IN %) 4-10.99; SOLVENT DEWAXED PETROLEUM (#64742650): 35-49.99. HYDROTREATED C25 BRIGHT STOCK-BASED LUBRICANT (#72623837): 35-49.99. PRODUCT IS HAZARDOUS ACCORDING OSHA (1910.1200). (*=COMPONENT(S) IS HAZARDOUS ACCORDING TO OSHA OR NE OR MORE STATE RIGHT-TO-KNOW LAWS. NOT CLASSIFIED AS A HAZARDOUS MATERIAL BY DOT DEFINITION. HAZARD RATING: HMIS-HEALTH=1, FLAMMABILITY=1, REACTIVITY=0. NFPA-NONE. CAUTION: MISUSE OF EMPTY CONTAINERS CAN BE HAZARDOUS. EMPTY CONTAINERS CAN BE HAZARDOUS IF USED TO STORE TOXIC, FLAMMABLE, OR REACTIVE MATERIALS. CUTTING OR WELDING OF EMPTY CONTAINERS MIGHT CAUSE FIRE, EXPLOSION OR TOXIC FUMES FROM RESIDUES. DO NOT PRESSURIZE OR EXPOSE TO OPEN FLAME OR HEAT. KEEP CONTAINER CLOSED AND DRUM BUNGS IN PLACE. MANUFACTURE NAME: TEXACO LUBRICANTS, CO. DIV. OF TRMI, P.O. BOX 52332, HOUSTON, TX 77052. TRANSPORTATION EMERGENCY: CO: 814-831-3400, CHEMTREC: 800-424-9300, HEALTH EMERGENCY: COMPANY 800-424-9300. CHRONIC OVEREXPOSURE: NO ADVERSE EFFECTS ANTICIPATED. MEDICAL CONDITIONS AGGRAVATED: BECAUSE OF ITS IRRITATING PROPERTIES, REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS (SKIN) CONDITION. TOXICOLOGICAL INFO: MEDIAN LETHAL DOSE ORAL: >2.0 G/KG (RAT); PRACTICALLY NON-TOXIC, INHALATION: N.D., DERMAL: >2.0 G/KG (RABBIT); PRACTICALLY NON-TOXIC. IRRITATION INDEX, SKIN: SIMILAR TO PRODUCT 1 67/8 0 (RABBIT). SLIGHTLY IRRITATING; EYES: SIMILAR PRODUCT 8 66/110 (RABBIT), SLIGHTLY IRRITATING SENSITIZATION: N.D. OTHER: NONE. SARA TITLE III, SECTION 302/304-EXTREMELY HAZARDOUS SUBSTANCE NONE, TITLE III SEC. 311: NA; TITLE III SEC. 313: NONE. WHMIS CLASSIFICATION: NOT REGULATED MICHIGAN CRITICAL MATERIALS: NO CRITICAL MATERIAL PRESENT

SECTION 3 - OTHER INFORMATION:

NONE ESTABLISHED FOR THIS PRODUCT; REFER TO SECTION 5 FOR COMPONENTS PERMISSIBLE CONCENTRATION

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - GENERAL: EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS APART WHILE FLUSHING TO RINSE ENTIRE SURFACE OF EYE AND LIDS WITH WATER. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER FOR SEVERAL MINUTES. GET MEDICAL ATTENTION IF SKIN IRRITATION DEVELOPS OR PERSISTS. INHALATION: IF IRRITATION, HEADACHE, NAUSEA, OR DROWSINESS OCCURS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING BECOMES DIFFICULT OR SYMPTOMS PERSIST. INGESTION: IF MORE THAN SEVERAL MOUTHFULS HAVE BEEN SWALLOWED, GIVE TWO GLASSES OF WATER (16 OZ). GET MEDICAL ATTENTION. OTHER: REMOVE AND DRY CLEAN OR LAUNDRY CLOTHING SOAKED OR SOILED WITH THIS MATERIAL. BEFORE REUSE. DRY CLEANING OF CONTAMINATED CLOTHING MAY BE MORE EFFECTIVE THAN NORMAL LAUNDERING. INFORM INDIVIDUALS RESPONSIBLE FOR CLEANING OF POTENTIAL HAZARDS ASSOCIATED WITH HANDLING CONTAMINATED CLOTHING.

SECTION 05: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: ACCORDING TO NFPA 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.

SPECIAL FIRE FIGHTING PROCEDURES: N/A/V

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE. HMIS HAZARD RATING:

HEALTH=1, FLAMMABILITY=1, REACTIVITY=0, NFPA: NONE

FLASH POINT TEMPS: 215.00C/ 420.00F

FLASH POINT TEXT: 420F (COC)

FLASH POINT METHOD: COC