

1FID: 00315797
VER DATE: 1995-06-09

C H E M I S T R I DATE: 10/22/02
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SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: LB CHASSIS LUBE (GE31B-01)

ALL SYNONYMS : CHASSIS GREASE

CHASSIS LUBRICANT

GE31B-01

LB CHASSIS LUBE (GE31B-01)

SAG CODE 5242

TPW1858

10-4015

12377985

772763

88900400

9985038

MSDS SIGNED BY TITLE: TECHNICAL REGULATORY ENGINEER

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

LAST UPDATED DATE: 1995-06-09

MANUFACTURER'S ID (MID): 000505311

MANUFACTURER'S NAME: CITGO PETROLEUM CORPORATION

MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 405-270-6200

MANUFACTURER'S MAILING ADDRESS:

P.O. BOX 26868

915 M.L. KING BLVD.

OKLAHOMA CITY OK 73126

US

CHEMICAL FAMILY NAME: MIXTURE

MOLECULAR FORMULA: GREASES

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000471341	R 4.0000/	8.0000%	W CARBONIC ACID, CALCIUM SALT (1:1)
064742525	R 15.0000/	25.0000%	W MINERAL OIL, PETROLEUM DISTILLATES , HYDROTREATED (severe) HEAVY NAPH THENIC
064742627	R 20.0000/	25.0000%	W Residual oils, petroleum, solvent- dewaxed
064742650	R 35.0000/	45.0000%	W MINERAL OIL, PETROLEUM DISTILLATES , SOLVENT-DEWAXED HEAVY PARAFFINIC (severe solvent-refining and/or h ydrotreatment)
064754956	R 3.0000/	9.0000%	W Castor oil, hydrogenated, lithium salt

THRESHOLD LIMIT VALUE: 5 MG/M3 OIL MIST

CERCLA (SUPERFUND) REPORTABLE QUANTITY (LBS): N/A

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = Y

PRIMARY ROUTES OF ENTRY TEXT: SKIN CONTACT

EFFECTS OF OVEREXPOSURE: MAY CAUSE SKIN AND EYE IRRITATION. BREATHING PETROLEUM OIL MIST CAN PRODUCE RESPIRATORY DISEASE.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: WIPE OFF EXCESS, WASH WITH SOAP AND WATER

EMERGENCY FIRST AID PROCEDURES - EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES IF OILY FILM PERSISTS, CONSULT PHYSICIAN.

EMERGENCY FIRST AID PROCEDURES - INGESTION: DO NOT INDUCE VOMITING, CONSULT A PHYSICIAN.

SECTION 05: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL FOAM

SPECIAL FIRE FIGHTING PROCEDURES: PRODUCT DENSE BLACK SMOKE, USE SELF CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARDS: CONTAINERS NOT ON FIRE MAY BE COOLED WITH WATER. DIRECT USE OF WATER MAY CAUSE FIRE TO SPREAD.

NFPA CODES:

NFPA FLAMMABILITY CODE = 1

NFPA HEALTH CODE = 2

NFPA REACTIVITY CODE = 1

FLASH POINT TEMPS: = 200.00C/ 400.00F

SECTION 5 - OTHER INFORMATION: FLAMMABLE LIMITS: NOT DETERMINED

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: CONTAIN SPILL. PUMP OR SCOOP PRODUCTS INTO METAL CONTAINER. CLEAN RESIDUE WITH INERT OIL ABSORBENT AND DISCARD IN METAL CONTAINER.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE CLEAN AND DRY BELOW 150 F

SECTION 7 - OTHER INFORMATION: USE GOOD PERSONAL HYGIENE AND SAFE INDUSTRIAL PRACTICES WHEN HANDLING ALL PETROLEUM PRODUCTS.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: SAFETY GLASSES AND IF METHOD OF DISPENSING PROMOTES SPLASHING, USE GOGGLES OR SIDE SHIELD.

RESPIRATORY PROTECTION: FIRE FIGHTING; SELF CONTAINED BREATHING APPARATUS WITH POSITIVE PRESSURE AS REQUIRED.

VENTILATION: N/A

PERSONAL PROTECTIVE EQUIPMENT: N/A

PROTECTIVE GLOVES (SPECIFY TYPE): PETROLEUM RESISTANT. PETROLEUM RESISTANT. ADDITIONAL INFORMATION REQUESTED FROM MANUFACTURER.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

THEORETICAL VOC WITHOUT WATER: VOLATILE ORGANIC COMPOUND: NA / THEORETICAL: 7.82 LB/GAL

BOILING POINT TEXT: NA

SPECIFIC GRAVITY VALUES: = 0.9400

VAPOR DENSITY TEXT: NA

VAPOR PRESSURE TEXT: NA

PERCENT VOLATILE BY WEIGHT TEXT: BY VOLUME: NA

PERCENT SOLID BY WEIGHT VALUES: R 6.0000- 16.0000

EVAPORATION RATE TEXT: NA

SOLUBILITY IN WATER TEXT: INS.

PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: NA

APPEARANCE: OFF WHITE TO AMBER PASTE

ODOR: PETROLEUM ODOR

PHYSICAL STATE: PAS

PHYSICAL STATE TEXT: PASTE

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - TEXT: STABLE

INCOMPATIBLE MATERIALS: STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS: SMOKE, OXIDES OF CARBON, LITHIUM, CALCIUM, NITROGEN, VARIOUS HYDROCARBONS AND OTHER POSSIBLE TOXIC VAPORS/GASES.

HAZARDOUS POLYMERIZATION INDICATOR: N
HAZARDOUS POLYMERIZATION TEXT: WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY: THERE ARE NO IARC, NTP OR OSHA LISTED CARCINOGEN

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: CONTROLLED INCINERATION OR RECYCLE

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: NONE REQUIRED

SECTION 16: OTHER INFORMATION

RCRA HAZARDOUS WASTE NUMBER TEXT: N/A

LOCAL EXHAUST: AS REQUIRED TO MAINTAIN BELOW TLV/PEL

SPECIAL PROTECTION: N/A

SPECIAL PROTECTION (MECHANICAL): AS REQUIRED TO MAINTAIN BELOW TLV/PEL