

33-105 AUTOMATIC TRANSMISSION FLUID-TYPE F

MSDS Number

BJSGX

National Stock Number

9150-00-843-1636

Product Name

33-105 AUTOMATIC TRANSMISSION FLUID-TYPE F

Manufacturer

CITGO PETROLEUM CORP

Product Identification

Product ID:33-105 AUTOMATIC TRANSMISSION FLUID-TYPE F

MSDS Date:06/08/1990

FSC:9150

NIIN:00-843-1636

MSDS Number: BJSGX

Responsible Party

CITGO PETROLEUM CORP

6100 S YALE BLDG 1 WARREN PL

TULSA , OK 74102

US

Emergency Phone: 318-491-6215/800-424-9300(CHEMTREC)

Info Phone: 918-495-5933

Cage: 7X110

Contractor

TULSTAR PRODUCTS INC

TULSA, OK 74119

US

918-587-7878/FAX -3297 (DAVID COOK)

Cage: 0F2M5

Ingredients

PETROLEUM OIL

CAS: 64741-89-5

RTECS: PY8041500

Fraction By Weight: 92-97%

OSHA PEL5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED LIGHT

CAS: 64742-53-6

RTECS: PY8036000

Fraction By Weight: 5-12%

OSHA PEL5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

VI IMPROVER RUST, CORROSION AND OXIDATION INHIBITOR PACKAGE

Fraction By Weight:

DYE

Fraction By Weight:

Hazards

LD50 LC50 Mixture:LD 50 ORAL RAT IS 15000 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:HEALTH HAZARDS: ACUTE: SLIGHT IRRITATION TO EYES AND SKIN. INHALTION MAY CAUSE LUNG IRRITATION, CHEMICAL PNEUMONIA, CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC: DERMATITIS, FOLLICULITIS. SUBCUTANEOUS INJE CTION: IRRITATION ERYTHEMA, EDEMA.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES/SKIN: SLIGHT IRRITATION. INHALATION: DROWSINESS, DIZZINESS, HEADACHE, NAUSEA, LUNG IRRITATION. INGESTION: LOW AMOUNT, NO PROBLEM. LARGE AMOUNT, GASTROINTESTINAL DISCOMFORT, DIARRHEA, AND HEADACHE . SUBCUTANEOUS INJECTION: IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.IF IRRITATION PERSISTS,SEE DOCTOR. SKIN:WASH WITH MILD SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. INHALATION:REMOVE VICTIM T O FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE DOCTOR. INGESTION:DO NOT INDUCE VOMIT.SEE DOCTOR IMMEDIATELY. SUBCUTANEOUS INJECTION IS A MEDICAL EMERGENCY.SEEK MEDICAL HELP IMMEDIATELY.

Fire Fighting

Flash Point Method:COC

Flash Point:399F,204C

Autoignition Temp:Autoignition Temp Text:435F

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. WATER MAY CAUSE FROTHING.

Accidental Release

Spill Release Procedures:REMOVE PERSONNEL.ELIMINATE IGNITION SOURCES.VENTILATE AREA.WEAR PROTECTIVE CLOTHING AND EQUIPMENT.ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER.

Handling

Handling and Storage Precautions:STORE IN COOL (BELOW 150F), DRY, WELL VENTILATED AREA. PROTECT FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED.

Other Precautions:AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS.

Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:MECHANICAL (GENERAL) VENTILATION TO KEEP EXPOSURE LEVELS BELOW PEL.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE.

Chemical Properties

HCC:V6

Boiling Pt:B.P. Text:650F,343C

Vapor Pres:NEGLIGIBLE

Vapor Density:>1

Spec Gravity:0.87

Evaporation Rate & Reference:Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED LIQUID. MILD ODOR.

Percent Volatiles by Volume:NEGL.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, TRACES OF OXIDES OF PHOSPHORUS, SULFUR AND ZINC.

Disposal

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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