

GENERAL MOTORS CORP SPECIAL PRODUCTS DEPT -- 1833 POWER STEERING FLUID 4634 --
9150-01-087-2234

===== Product Identification =====

Product ID:1833 POWER STEERING FLUID 4634

MSDS Date:11/24/1986

FSC:9150

NIIN:01-087-2234

MSDS Number: BMXJZ

=== Responsible Party ===

Company Name:GENERAL MOTORS CORP SPECIAL PRODUCTS DEPT

Address:30007 VAN DYKE

City:WARREN

State:MI

ZIP:48090

Country:US

Info Phone Num

:301-258-1535

Emergency Phone Num:301-258-1535

Preparer's Name:R. T. RICHARDS

CAGE:11862

=== Contractor Identification ===

Company Name:BURT GREENWALS CHEVROLET INC

Address:6065 RYAN ROAD

Box:City:MEDINA

State:OH

ZIP:44256-8829

Country:US

Phone:216-867-3010

CAGE:8G991

Company Name:CHESAPEAKE ASSOC. ENT.

Address:22 NEWPORT DR

Box:City:FOREST HILL

State:MD

ZIP:21050

Country:US

Phone:410-838-0260

CAGE:7R834

Company Name:GENERAL MOTORS CORP CHEVROLET MOTOR DIV

Address:30007 VAN DYKE

Box:City:WARREN

State:MI
ZIP:48090
Country:US
CAGE:11862

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Composition/Information on Ingredients
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Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY
PARAFFINIC
CAS:64742-65-0
RTECS #:PY8038500
Fraction by Wt: >99.9%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:5 MG/M3 (OIL MIST)

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS > 20.0 G/KG
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Ca
rcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INGESTION: NOT NORMALLY
EXPECTED TO CAUSE ANY ILL EFFECTS. INHALATION: NO SIGNIFICANT
ADVERSE HEALTH EFFECTS ARE EXPECTED FOR SHORT TERM EXPOSURE. EYE:
NOT NORMALLY EXPECTED TO CAUSE ANY ILL EF FECTS. SKIN: NOT NORMALLY
EXPECTED TO CAUSE ANY ILL EFFECTS. CHRONIC: PROLONGED/REPEATED
CONTACT MAY CAUSE IRRITATION.
Explanation of Carcinogenicity:MIDDLE DISTILLATES HAVE CAUSED SKIN
CANCER IN LABORA
TORY ANIMALS WHEN REPEATEDLY APPLIED AND LEFT IN
PLACE.
Effects of Overexposure:MAY CAUSE DEFATTING OF SKIN OR IRRITATION.
INHALATION OF VAPORS MAY CAUSE IRRITATION OF THE NOSE AND THROAT,
HEADACHE, NOUSEA AND DROWSINESS. INGESTION MAY CAUSE ABDOMINAL
DISCOMFORT, NAUSEA, AND DIAR RHEA.
Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING
PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN
EXISTING DERMATITIS.

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First Aid Measur

es =====

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

===== Fire Fighting Measures =====

Flash Point:NOT GIVEN

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

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. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

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

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA. AVOID BREATHING VAPOR. USE SELF-CONTAINED BREATHING APPARATUS. STOP FLOW. WIPE OR MOP UP OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIATE CONTAINER FOR DISPOSAL. AVOID CONTACT WITH SKIN, EYES OR CLOTHING

===== Handling and Storage =====

Handling and Storage Precautions:

MINIMUM FEASIBLE HANDLING TEMPERATURES

SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED. AVOID WATER CONTAMINATION.

Other Precautions: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.

===== Exposure Controls/Personal Protection =====

Res

piratory Protection: AIRBORNE CONCENTRATIONS SHOULD BE KEPT TO LOWEST LEVELS POSSIBLE. IF VAPOR, MIST OR DUST IS GENERATED, USE RESPIRATOR APPROVED BY NIOSH AS APPROPRIATE. SUPPLIED AIR RESPIRATORY PROTECTION SHOULD BE USED FOR CLEANING LARGE SPILLS OR TANKS.

Ventilation: PROVIDE ADEQUATE VENTILATION TO MEET COMPONENT OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves: WASH SKIN OFTEN WITH SOAP AND WATER.

Eye Protection: USE CHEMICAL SAFETY GOGGLES

Other Protective Equipment: EYE WA

SH STATION & SAFETY SHOWER. CHEMICALLY RESISTANT BOOTS AND APRONS RECOMMENDED.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

===== Physical/Chemical Properties =====

HCC: V6

Boiling Pt: B.P. Text: NOT GIVEN

Melt/Freeze Pt: M.P/F.P Text: NOT GIVEN

Vapor Pres: NOT GIVEN

Vapor Density: NOT GIVEN

Spec Gravity: 0.8789

Evaporation Rate & Reference: NOT GIVEN

Solubility in Water: NOT GIVEN

Appearance and Odor: BLUE LIQUID

===== Stability and Reactivity Data =====

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, IRRITATING ALDEHYDES AND KETONES, AND COMBUSTION PRODUCTS OR COMPOUNDS OF N, P

, S, & ZN

===== Disposal Considerations =====

Waste Disposal Methods: THIS PRODUCT HAS BEEN EVALUATED FOR RCRA CHARACTERISTICS AND DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE IF DISCHARGED IN ITS PURCHASED FORM. USED MATERIAL MAY BE HAZARDOUS. DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

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