

SECTION 1 - MATERIAL IDENTIFICATION AND USE

| | | | | | |
|---|--|--|--|--|---------------|
| MATERIAL NAME/IDENTIFIER DEXRON III AUTOMATIC TRANSMISSION FLUID | | | | CONTROL NUMBER CN30399 | |
| PART NUMBER(S) 10952622 | | | | FIRE : LOW CORROSIVE : NONE CONTACT : LOW HEALTH HAZARD : LOW | |
| MANUFACTURER NAME PETRO CANADA | | SUPPLIERS NAME PETRO CANADA | | | |
| STREET ADDRESS P.O. BOX 2844, PETRO-CANADA CENTRE | | STREET ADDRESS P.O. BOX 2844, PETRO-CANADA CENTRE | | | |
| CITY CALGARY | PROVINCE/STATE COUNTRY ALBERTA CANADA | CITY CALGARY | PROVINCE/STATE COUNTRY ALBERTA CANADA | | |
| POSTAL CODE T2P 3E3 | EMERGENCY TELEPHONE NO. 403/296-3000 | POSTAL CODE T2P 3E3 | EMERGENCY TELEPHONE NO. 403/296-3000 | | |
| PRODUCT DESCRIPTION DEXRON III AUTOMATIC TRANSMISSION FLUID | | | | | |
| CHEMICAL NAME AUTOMATIC TRANSMISSION FLUID | | | TRADE NAME AND SYNONYMS 460 601 0 9985912 | | |
| CHEMICAL FAMILY NOT PROVIDED | | CHEMICAL FORMULA NOT PROVIDED | | MOLECULAR WEIGHT NOT PROVIDED | |
| MATERIAL USE NOT PROVIDED | | | | | |
| TDG SHIPPING NAME NOT REGULATED | | | U.N. NUMBER NOT REGUL | CLASS/DIVISION | PACKING GROUP |
| WHMIS CONTROLLED PRODUCT SUPPLIER STATES NO | | WHMIS CLASS | | | |
| WHMIS DIVISION | | | WHMIS SUBDIVISION | | |

SECTION 2 - CHEMICAL COMPOSITION INCLUDING HAZARDOUS INGREDIENTS

| INGREDIENTS | % OR RANGE | UN, NA OR CAS NUMBER | 8HR TWA EV PPM MG/M3 | 15MIN STEL PPM MG/M3 | CEILING PPM MG/M3 | |
|---|---------------|-------------------------|-------------------------|-------------------------|----------------------|--|
| HYDROTREATED HYDROCARBON OIL | 100 V | 72623-86-0 | | | | |
| HYDROTREATED HYDROCARBON OIL C20 C35 | | 72623-87-1 | | | | |
| RED DYE | < 0.02 V | | | | | |
| 2 NAPHTHALENOL [(PHENYLAZO) PHENYL] AZO, ALKYL DERIVATIVE | < 0.01 V | 71819-51-7 | | | | |
| (R) XYLENE (DIMETHYLBENZENE) | < 0.01 V | 1330-20-7 | 100 435 | 150 650 | 500 | |
| (R) ETHYL BENZENE | < 0.01 V | 100-41-4 | 100 435 | 125 540 | 500 | |

SECTION 3 - PHYSICAL DATA

| | | | | | |
|--|--------------------------|--|--|--|--|
| BOILING POINT APPROX. 316°C | | FREEZING POINT -40°C | | SPECIFIC GRAVITY 0.87 | |
| VAPOUR PRESSURE < 0.0075 MM HG @100.04°F | | VAPOUR DENSITY NOT PROVIDED @20°C | | DENSITY 0.87 G/ML | |
| SOLUBILITY IN WATER NOT SOLUBLE | | % VOLATILE (BY VOLUME) 0 | | EVAPORATION RATE NOT PROVIDED (N BUT ACT) | |
| PH NOT PROVIDED | PHYSICAL STATE LIQUID | COEFF. WATER/OIL DIST. NOT PROVIDED | | ODOUR THRESHOLD NOT PROVIDED PPM | |
| ODOUR AND APPEARANCE DARK RED MILD PETROLEUM ODOR | | | | | |

SECTION 4 - FIRE AND EXPLOSION DATA

| | | | | | |
|--|--|---|--|---|--|
| FLASHPOINT AND METHOD NOT PROVIDED °F COC | | LOWER EXPLOSION LIMIT NOT PROVIDED % | | UPPER EXPLOSION LIMIT NOT PROVIDED % | |
| AUTO IGNITION TEMPERATURE > 235°C | | SENSITIVITY TO IMPACT NOT PROVIDED | | SENSITIVITY TO STATIC DISCHARGE NOT PROVIDED | |

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FLAMMABILITY

These materials are a fire hazard when exposed to heat or flame.

MEANS OF EXTINCTION

Use carbon dioxide, dry chemical, or chemical foam to extinguish.
Use water spray to cool exposed surroundings or containers.
DO NOT use a forced water stream directly on oil fires as this can scatter the burning oil.

SPECIAL PROCEDURES

Firefighters must use self-contained breathing apparatus and full protective clothing.

HAZARDOUS COMBUSTION PRODUCTS

Burning in air can produce toxic vapours and gases.
These include partial oxidation products of hydrocarbons, oxides of carbon, and small amounts of sulphur dioxide (depending on sulfur content).

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY

Products are stable in closed containers under normal storage and handling procedures, as specified in the Workplace MSDS.

INCOMPATIBILITY AND REACTIVITY

Incompatible with strong oxidizing agents (eg. fluorine, chlorine, and concentrated sulphuric acid).
These materials are degraded by alkaline materials such as sodium hydroxide (caustic soda).

HAZARDOUS DECOMPOSITION PRODUCTS

CARBON, SULFUR, PHOSPHOROUS & NITROGEN OXIDES, AMINES, ALDEHYDES & SMOKE ON COMBUSTION

SECTION 6 - TOXICOLOGICAL PROPERTIES

BIOLOGICAL EFFECTS

These materials present a low degree of health hazard if good work practices are observed.
The inhalation hazard of these oils is negligible except for overexposures to heated mists.
Repeated or prolonged skin contact may cause forms of dermatitis including folliculitis (inflammation of the hair follicles) and oil acne in sensitive individuals.
Contact with used lubricants can be an increased hazard when compared to new oils of this type.
Lung infections can result from prolonged or repeated inhalation of severe overexposure to the misted oils.

LD50 OF MATERIAL

RAT ORAL > 5000 MG/KG

LC50 OF MATERIAL

NOT PROVIDED

IRRITANCY OF MATERIAL

MILDLY IRRITATING TO EYES

SENSITIZING CAPACITY OF MATERIAL

PROLONGED OR REPEATED CONTACT WITH SKIN MAY PRODUCE DERMATITIS

SYNERGISTIC MATERIALS

NOT PROVIDED

CARCINOGENICITY OF MATERIAL

Does not contain any ingredient(s) that are designated carcinogens according to WHMIS criteria.

REPRODUCTIVE EFFECTS OF MATERIAL

NOT PROVIDED

TERATOGENICITY

NOT PROVIDED

MUTAGENICITY

NOT PROVIDED

SECTION 7

EFFECTS OF ACUTE EXPOSURE TO MATERIAL

FIRST AID MEASURES

ROUTE OF EXPOSURE: INHALATION

Inhalation of misted oils above the
Employee Exposure Guidelines can irritate
the mucous membranes.

FIRST AID

Remove to fresh air.
If irritation persists, seek
medical attention.

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| ROUTE OF EXPOSURE: SKIN | | |
| Prolonged or repeated exposure to these materials may produce skin irritation or dermatitis. | Wash exposed area with soap and warm water. If irritation persists, seek medical attention. | |
| ROUTE OF EXPOSURE: EYES | | |
| Eye contact results in pain and irritation. | IMMEDIATELY flush eyes with copious quantities of water while holding eyelids open with the thumb and forefinger. Continue for 15 minutes. If irritation persists, seek medical attention. | |
| ROUTE OF EXPOSURE: INGESTION | | |
| Ingestion could result in gastrointestinal irritation, headache, dizziness, and nausea. Difficult breathing, pulmonary edema (fluid in the lungs), and severe lung irritation may result if vomiting occurs after ingestion and the material is aspirated (drawn into) the lungs. Ingestion can produce a cathartic (laxative) effect. | Seek IMMEDIATE medical attention. DO NOT induce vomiting. Give 3 or more glasses of milk or water to drink, ONLY if the victim is conscious. | |
| SECTION 8 - PREVENTIVE MEASURES | | |
| PERSONAL PROTECTIVE EQUIPMENT | | |
| GLOVES | | |
| Use barrier creams or rubber gloves to avoid direct prolonged skin contact. | | |
| RESPIRATORY PROTECTION | | |
| If requested, an approved dust/mist respirator (NIOSH P95) such as a 3M 8271 can be worn. | | |
| EYE PROTECTION | | |
| FOOTWEAR | | |
| CLOTHING | | |
| OTHER | | |
| ENGINEERING CONTROLS | | |
| LEAK AND SPILL PROCEDURE: SMALL SPILLS | | |
| Contain spill. Absorb spill with an inert absorbent such as clay or "speedi dri". Shovel or vacuum up and place in an appropriate, closed labelled container. Flush residue with detergent and water. | | |
| LEAK AND SPILL PROCEDURE: LARGE SPILLS | | |
| For large spills inform safety personnel and Environmental Engineering Department. Eliminate all sources of ignition. Contain spill. Personnel working on a clean up of a spill must wear safety glasses and rubber gloves. Absorb spill with an inert absorbent such as clay or "speedi dri". Shovel or vacuum up and place in an appropriate, closed labelled container. Flush residue with detergent and water. Prevent leakage into sewers and watercourses. | | |
| WASTE DISPOSAL | | |
| Dispose of in accordance with Local, Provincial or Federal regulations as applicable. | | |

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HANDLING PROCEDURES AND EQUIPMENT

Avoid breathing mists or vapours.
Do not smoke while using these products.
Avoid prolonged or repeated skin contact.
Employees who handle these materials must wash their hands with soap and water thoroughly before eating, smoking, or using toilet facilities.
Do not wear oil contaminated clothing.
Do not put oily rags into pockets.
Handling steel coated with this material requires no special handling procedures or personal protective equipment.

STORAGE REQUIREMENTS

Store away from sources of heat and ignition.
Store away from strong oxidizing agents (eg. fluorine, chlorine, and concentrated sulphuric acid).
Do not smoke in area of storage.
Insure that the containers are tightly closed.
Protect containers from physical damage.
Store only in labelled containers.

COMMENTS

SECTION 9 - PREPARATION INFORMATION

THE SUPPLIER MSDS IS AVAILABLE UPON REQUEST

PREPARED BY:
GENERAL MOTORS OF CANADA INDUSTRIAL HYGIENE

PHONE NUMBER
(905) 644-6013

DATE
11-27-06