

**Prod.Name:** GM 10952623, 12378470, 12378471,  
12378472 DEXRON III ATF  
**Manufacturer:** PETRO-CANADA  
**Supplier:** PETRO-CANADA  
**HMCS ID:** 340370  
**SUC:** 04 - Metal Working Fluids and Lubricants

## MATERIAL SAFETY DATA SHEET

**Revision:** 30.Jul.2001  
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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### PRODUCT INFORMATION

**Product Name:** GM 10952623, 12378470, 12378471, 12378472 DEXRON III ATF

**Product Synonyms:**  
MANUAL TRANSMISSION AND TRANSFER CASE FLUID

#### External Keys:

10-118 Distributable Material (Part #)  
10-119 Distributable Material (Part #)  
12378473 Distributable Material (Part #)  
12378474 Distributable Material (Part #)  
MANUAL Primary Tradename - Distributable Material  
TRANSMISSION AND  
TRANSFER CASE FLUID  
88861800 Distributable Material (Part #)

#### MANUFACTURER INFORMATION

**Manufacturer:** PETRO-CANADA

#### Address:

P.O. BOX 2844 CAN ALBERTA T2P3E3 CALGARY MAILING

#### Communication Lines:

Phone 613-996-6666 CHEMTREC  
Phone 403-296-3000 EMERGENCY  
Phone 905-804-4752 INFO

#### SUPPLIER INFORMATION

**Supplier:** PETRO-CANADA

#### Address:

P.O. BOX 2844 CAN ALBERTA T2P3E3 CALGARY MAILING

#### Communication Lines:

Phone 613-996-6666 CHEMTREC  
Phone 403-296-3000 EMERGENCY  
Phone 905-804-4752 INFO

#### Comment:

MATERIAL USES: AUTOMATIC TRANSMISSION FLUID FOR MOST NORTH AMERICAN AUTOMOBILES AND FOR OFF-HIGHWAY TORQUE CONVERTERS REQUIRING C-4 TYPE TRANSMISSION FLUID. IT IS ALSO SUITABLE AS A HYDRAULIC FLUID AND AS A TOP-UP IN POWER STEERING SYSTEMS. NOT TO BE USED IN CONDITIONS WHERE AEROSOLS SHOULD BE GENERATED. HAZARDS IDENTIFICATION: POTENTIAL HEALTH EFFECTS: NON IRRITATING TO SLIGHT TRANSIENT IRRITATION TO SKIN AND EYES, BUT NO PERMANENT DAMAGE. RELATIVELY NON-TOXIC VIA INGESTION. THIS PRODUCT HAS A LOW VAPOR PRESSURE AND IS NOT EXPECTED TO PREVENT AN INHALATION EXPOSURE AT AMBIENT CONDITIONS. UPON HEATING TO HIGH TEMPERATURES, OR MECHANICAL ACTIONS WHICH MAY PRODUCE VAPORS OR MISTS, INHALATION OF PRODUCT MAY CAUSE IRRITATION OF THE BREATHING PASSAGES. FOR MORE INFORMATION, REFER TO SECTION 3 AND 11. PREPARED BY PRODUCT SAFETY-TAR. DATA ENTRY BY PRODUCT SAFETY-TAR.

### 2 INGREDIENT INFORMATION

#### FORMULATION

#### Ingredients:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Prefix</u>	<u>Value</u>	<u>Unit</u>	<u>Exposure Limits</u>
BENZENE, ETHYL-	100-41-4	<	0.02	% Wt	Yes
XYLENE	1330-20-7	<	0.02	% Wt	Yes
MINERAL OIL, SLAB OIL	8042-47-5	=	16.14	% Wt	No
C.I. SOLVENT RED 164	71819-51-7	<	0.02	% Wt	No
Lubricating oils, petroleum, C15-30, hydrotreated neutral oil-based, contg. solvent deasphalted residual oil	72623-84-8	=	35.16	% Wt	No

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<u>Chemical Name</u>	<u>CAS Number</u>	<u>Prefix</u>	<u>Value</u>	<u>Unit</u>	<u>Exposure Limits</u>
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based	72623-87-1	=	35	% Wt	No
HITEC 411 (FID #300211)	989974-27-5	=	13.7	% Wt	No

**Comment:**

Other Information: AUTOMATE RED B DYE, CONSISTING OF A BLEND OF (1330-20-7), (100-41-4) AND (71819-51-7), COMPRISES 0.02% OF THE PRODUCTS CHEMICAL FORMULATION.

### 3 HAZARDS IDENTIFICATION

**Hazards Overview:**

Skin Primary Entry: Yes. Eye Primary Entry: Yes. Inhalation Primary Entry: Yes. Ingestion Primary Entry: Yes.

**Specific Hazards:**

SKIN CONTACT, EYE CONTACT, INHALATION, INGESTION.

**Specific Hazards (Routes Of Exposure):**

<u>Exposure Routes</u>	<u>Exposure Duration</u>	<u>Observation</u>
Skin Contact	General	CHRONIC OR OTHER TOXIC EFFECTS: DERMAL ROUTE: PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION CHARACTERIZED BY DERMATITIS OR OIL ACNE. SKIN SENSITIZATION: THIS PRODUCT IS NOT EXPECTED TO BE A SKIN SENSITIZER, BASED ON THE AVAILABLE DATA AND THE KNOWN HAZARDS OF THE COMPONENTS.
Eye Contact	General	CHRONIC OR OTHER TOXIC EFFECTS: EYE IRRITATION/INFLAMMATION: REPEATED OR PROLONGED CONTACT MAY CAUSE TRANSIENT IRRITATION, BUT NO PERMANENT DAMAGE.
Inhalation	General	CHRONIC OR OTHER TOXIC EFFECTS: INHALATION ROUTE: NEGLIGIBLE BREATHING HAZARD AT NORMAL TEMPERATURES (UP TO 38 C) OR RECOMMENDED BLENDING TEMPERATURES. ELEVATED TEMPERATURES OR MECHANICAL ACTION MAY FORM VAPORS, MISTS OR FUMES. INHALATION OF OIL MISTS OR VAPORS FROM HOT OIL MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT. RESPIRATORY TRACT SENSITIZATION: THIS PRODUCT IS NOT EXPECTED TO BE A RESPIRATORY TRACT SENSITIZER, BASED ON THE AVAILABLE DATA AND THE KNOWN HAZARDS OF THE COMPONENTS.
Ingestion	General	CHRONIC OR OTHER TOXIC EFFECTS: ORAL ROUTE: LOW TOXICITY; HAS LAXATIVE EFFECT.

**Medical Conditions Aggravated By Exposure:**

NOT YET DETERMINED.

**Comment:**

Additional Health Hazard Data: CHRONIC OR OTHER TOXIC EFFECTS: IMMUNOTOXICITY: NOT AVAILABLE. OTHER CONSIDERATIONS: NO ADDITIONAL REMARK.

### 4 FIRST AID MEASURES

**First Aid By::**

Inhalation	EVACUATE THE VICTIM TO A SAFE AREA AS SOON AS POSSIBLE. IF THE VICTIM IS NOT BREATHING, PERFORM ARTIFICIAL RESPIRATION. ALLOW THE VICTIM TO REST IN A WELL VENTILATED AREA. SEEK MEDICAL ATTENTION.
Skin Contact	REMOVE CONTAMINATED CLOTHING-LAUNDER BEFORE REUSE. WASH GENTLY AND

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THOROUGHLY THE CONTAMINATED SKIN WITH RUNNING WATER AND NON-ABRASIVE SOAP. SEEK MEDICAL ATTENTION.

**Eye Contact** IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES, KEEPING EYELIDS OPEN. SEEK MEDICAL ATTENTION.

**Ingestion** DO NOT INDUCE VOMITING BECAUSE OF DANGER OF ASPIRATING LIQUID INTO LUNGS. SEEK MEDICAL ATTENTION.

**Notes To Physician:**  
NOT AVAILABLE.

### 5 FIRE FIGHTING MEASURES

**Flash Point:**

=	185	C	COC.	Flash Point Method Text:CLEVELAND OPEN CUP.
=	365	F	COC.	Flash Point Method Text:CLEVELAND OPEN CUP.

**Fire and Explosion Hazards:**

FIRE HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES: LOW FIRE HAZARDS. THIS MATERIAL MUST BE HEATED BEFORE IGNITION WILL OCCUR. EXPLOSION HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES: DO NOT CUT, WELD, HEAT, DRILL OR PRESSURIZE EMPTY CONTAINERS. CONTAINERS MAY EXPLODE IN HEAT OF FIRE.

**Special Fire Fighting Procedures:**

FIRE FIGHTING MEDIA AND INSTRUCTIONS: NORTH AMERICAN EMERGENCY RESPONSE GUIDE BOOK (1996) (NAERG'96) GUIDE 171, SUBSTANCES (LOW TO MODERATE HAZARD). IF TANK, RAIL CAR OR TANK TRUCK IS INVOLVED IN A FIRE, ISOLATE FOR 800 METERS (0.5 MILE) IN ALL DIRECTIONS; ALSO, CONSIDER INITIAL EVACUATION FOR 800 METERS (0.5 MILE) IN ALL DIRECTIONS. SHUT OFF FUEL TO FIRE IF IT IS POSSIBLE TO DO SO WITHOUT HAZARD. IF THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND LET FIRE BURN OUT UNDER CONTROLLED CONDITIONS. WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICE OR ANY DISCOLORATION OF TANK DUE TO FIRE. COOL CONTAINING VESSELS WITH WATER SPRAY IN ORDER TO PREVENT PRESSURE BUILD-UP, AUTOIGNITION OR EXPLOSION. SMALL FIRE: USE DRY CHEMICALS, FOAM, WATER SPRAY OR CO<sub>2</sub>. LARGE FIRE: USE WATER SPRAY, FOG OR FOAM. FOR SMALL OUTDOOR FIRES, PORTABLE FIRE EXTINGUISHERS MAY BE USED, AND SELF CONTAINED BREATHING APPARATUS (SCBA) MAY NOT BE REQUIRED. FOR ALL INDOOR FIRES AND ANY SIGNIFICANT OUTDOOR FIRES, SCBA IS REQUIRED. RESPIRATORY AND EYE PROTECTION ARE REQUIRED FOR FIRE FIGHTING PERSONNEL.

**Comment:**

FLAMMABILITY; MAY BE COMBUSTIBLE AT HIGH TEMPERATURE. FLAMMABLE LIMITS: NOT AVAILABLE. PRODUCTS OF COMBUSTION: CARBON OXIDES (CO, CO<sub>2</sub>), NITROGEN OXIDES (NO<sub>x</sub>), SMOKE AND IRRITATING VAPORS AS PRODUCTS OF INCOMPLETE COMBUSTION.

### 6 ACCIDENTAL RELEASE MEASURES

**Comment:**

Spill or Leak Procedures: NORTH AMERICAN EMERGENCY RESPONSE GUIDE BOOK (1996) (NAERG'96), GUIDE 171, SUBSTANCES (LOW TO MODERATE HAZARD). ELIMINATE ALL IGNITION SOURCES. AVOID CONTACT. STOP LEAK IF WITHOUT RISK. CONTAIN SPILL. ABSORB WITH INERT ABSORBENTS, DRY CLAY, OR DIATOMACEOUS EARTH. AVOID INHALING DUST OR DIATOMACEOUS EARTH FOR IT MAY CONTAIN SILICA IN VERY FINE PARTICLE SIZE, MAKING THIS A POTENTIAL RESPIRATORY HAZARD. PLACE USED ABSORBENT IN CLOSED METAL CONTAINERS FOR LATER DISPOSAL OR BURN ABSORBENT IN A SUITABLE COMBUSTION CHAMBER. DO NOT FLUSH TO SEWERS, STREAMS OR OTHER BODIES OF WATER. CHECK WITH APPLICABLE JURISDICTION FOR SPECIFIC DISPOSAL REQUIREMENTS OF SPILLED MATERIAL AND EMPTY CONTAINERS. NOTIFY THE APPROPRIATE AUTHORITIES IMMEDIATELY.

### 7 HANDLING AND STORAGE

**STORAGE**

**Additional Information on Storage Conditions:**

Precautions to be Taken in Handling and Storage: AVOID INHALATION AND SKIN CONTACT ESPECIALLY WHEN HANDLING USED OIL. KEEP AWAY FROM SOURCES OF IGNITION. DO NOT REUSE EMPTY CONTAINERS WITHOUT COMMERCIAL CLEANING OR RECONDITIONING. PRACTICE GOOD PERSONAL HYGIENE. WASH HANDS AFTER HANDLING AND BEFORE EATING. LAUNDRY WORK CLOTHES FREQUENTLY. DISCARD SATURATED LEATHER GOODS. STORE IN TIGHTLY CLOSED CONTAINERS IN COOL, DRY, ISOLATED, WELL-VENTILATED AREA, AND AWAY FROM INCOMPATIBLES.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Measures:**

Engineering Controls: FOR NORMAL APPLICATION, SPECIAL VENTILATION IS NOT NECESSARY. IF USER'S OPERATIONS GENERATE VAPORS OR MIST, USE VENTILATION TO KEEP EXPOSURE TO AIRBORNE CONTAMINANTS BELOW THE EXPOSURE LIMIT. MAKE-UP AIR SHOULD ALWAYS BE SUPPLIED TO BALANCE AIR REMOVED BY EXHAUST VENTILATION. ENSURE THAT EYEWASH STATION AND SAFETY SHOWER ARE CLOSE TO WORK-STATION.

**EXPOSURE LIMITS**

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**Limit Values:**

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BENZENE, ETHYL-	100-41-4	PEL-T WA	100ppm	-	OSHA - Permissible Exposure Limits (PELs)
BENZENE, ETHYL-	100-41-4	GM OEG- TWA	100ppm	-	Threshold Limit Values (TLVs) - ACGIH
BENZENE, ETHYL-	100-41-4	GM OEG- STEL	125ppm	-	Threshold Limit Values (TLVs) - ACGIH
BENZENE, ETHYL-	100-41-4	TLV- TWA	100ppm	-	GM Occupational Exposure Guidelines (OEG)
BENZENE, ETHYL-	100-41-4	TLV- STEL	125ppm	-	GM Occupational Exposure Guidelines (OEG)
BENZENE, ETHYL-	100-41-4	State- TWA	100ppm	-	MICHIGAN
BENZENE, ETHYL-	100-41-4	State- STEL	125ppm	-	MICHIGAN
BENZENE, ETHYL-	100-41-4	State- TWA	100ppm	-	NEW YORK
BENZENE, ETHYL-	100-41-4	State- STEL	125ppm	-	NEW YORK
BENZENE, ETHYL-	100-41-4	State- TWA	100ppm	-	TENNESSEE
BENZENE, ETHYL-	100-41-4	State- STEL	125ppm	-	TENNESSEE
XYLENE	1330-20-7	PEL-T WA	100ppm	-	OSHA - Permissible Exposure Limits (PELs)
XYLENE	1330-20-7	GM OEG- TWA	100ppm	-	Threshold Limit Values (TLVs) - ACGIH
XYLENE	1330-20-7	GM OEG- STEL	150ppm	-	Threshold Limit Values (TLVs) - ACGIH
XYLENE	1330-20-7	TLV- TWA	100ppm	-	GM Occupational Exposure Guidelines (OEG)
XYLENE	1330-20-7	TLV- STEL	150ppm	-	GM Occupational Exposure Guidelines (OEG)
XYLENE	1330-20-7	State- TWA	100ppm	-	MICHIGAN
XYLENE	1330-20-7	State- STEL	150ppm	-	MICHIGAN

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<u>Chemical Name</u>	<u>CAS Number</u>	<u>Type</u>	<u>Value</u>	<u>Specificati on</u>	<u>Source</u>
XYLENE	1330-20-7	State-TWA	100ppm	-	NEW YORK
XYLENE	1330-20-7	State-STEL	150ppm	-	NEW YORK
XYLENE	1330-20-7	State-TWA	100ppm	-	TENNESSEE
XYLENE	1330-20-7	State-STEL	150ppm	-	TENNESSEE

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment (PPE):

**Eye Protection** EYE PROTECTION (I.E., SAFETY GLASSES, SAFETY GOGGLES AND/OR FACE SHIELD) SHOULD BE DETERMINED BASED ON CONDITIONS OF USE. IF PRODUCT IS USED IN AN APPLICATION WHERE SPLASHING MAY OCCUR, THE USE OF SAFETY GOGGLES AND/OR FACE SHIELD SHOULD BE CONSIDERED.

**Skin Protection** BODY: WEAR APPROPRIATE CLOTHING TO PREVENT SKIN CONTACT. AS A MINIMUM LONG SLEEVES AND TROUSERS SHOULD BE WORN. FEET: WEAR APPROPRIATE FOOTWEAR TO PREVENT PRODUCT FROM COMING IN CONTACT WITH FEET AND SKIN.

**Respiratory Protection** WHERE CONCENTRATIONS IN AIR MAY EXCEED THE OCCUPATIONAL EXPOSURE LIMITS AND WHERE ENGINEERING, WORK PRACTICES OR OTHER MEANS OF EXPOSURE REDUCTION ARE NOT ADEQUATE, NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH) APPROVED RESPIRATORS MAY BE NECESSARY TO PREVENT OVEREXPOSURE BY INHALATION.

**General Protection** THE SELECTION OF PERSONAL PROTECTIVE EQUIPMENT VARIES, DEPENDING UPON CONDITIONS OF USE.

**Hand Protection** WHEN HANDLING HOT PRODUCT ENSURE GLOVES ARE HEAT RESISTANT AND INSULATED. PLEASE CONTACT LOCAL HEALTH AND SAFETY REPRESENTATIVES FOR APPROPRIATE GLOVE TYPE FOR YOUR SPECIFIC USE.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

**Physical State:** Physical State: Liquid.

**Color:** DARK RED, VISCOUS LIQUID

**Odor:** MILD PETROLEUM OIL LIKE. ODOR THRESHOLD: NOT AVAILABLE.

### PHYSICAL PROPERTIES

#### Changes of State:

Boiling Point = -51 C NOT AVAILABLE.

Pourpoint = -51 C

#### Vapor Pressure:

NEGLIGIBLE AT AMBIENT TEMPERATURE AND PRESSURE.

#### Vapor Density:

NOT AVAILABLE.

#### Density:

Density = 7.14 lb/gal Density Text: AT 15 C; 0.855 KG/L AT 15 C.

#### Specific Gravity:

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= 0.855 AT 15 C

**Solubility:**

Water Solubility in Water Text:INSOLUBLE IN WATER.

**Viscosity:**

Viscosity 34 CST AT 40 C (104 F); 7.7  
CST AT 100 C (212 F).

**Additional Chemical and Physical Data:**

Fire Point	=	205	C
Fire Point	=	0	F

**Comment:**

SOFTENING POINT: NOT APPLICABLE. DROPPING POINT: NOT APPLICABLE. PENETRATION: NOT APPLICABLE.  
OIL/WATER DIST. COEFFICIENT: NOT AVAILABLE. IONICITY (IN WATER): NOT AVAILABLE. DISPERSION PROPERTIES:  
NOT AVAILABLE.

## 10 STABILITY AND REACTIVITY

### STABILITY INFORMATION

**Stability Under Normal Conditions:** Stable

**Hazardous Polymerization:**

Hazardous Polymerization: None. Hazardous Polymerization Text: WILL NOT OCCUR UNDER NORMAL WORKING CONDITIONS.

### HAZARDOUS DECOMPOSITION

**Reactions:**

Type of Reaction

Decomposition

Reaction Products

MAY RELEASE COX, NOX, SOX, SMOKE AND IRRITATING VAPORS WHEN HEATED TO DECOMPOSITION.

**Comment:**

Stability Text: THIS PRODUCT IS STABLE UNDER NORMAL HANDLING AND STORAGE CONDITIONS. INCOMPATIBLE SUBSTANCES/CONDITIONS TO AVOID: REACTIVE WITH OXIDIZING AGENTS, REDUCING AGENTS AND ACIDS.  
CORROSIVITY: COPPER CORROSION, 3H, 149 C (AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) D0130): 1B.

## 11 TOXICOLOGICAL INFORMATION

### CLASSIFICATION OF INGREDIENTS

**Carcinogenicity:**

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH): THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY CHEMICALS AT REPORTABLE QUANTITIES THAT ARE LISTED AS A1 OR A2 CARCINOGENS BY ACGIH.  
INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC): THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY CHEMICALS AT REPORTABLE QUANTITIES THAT ARE LISTED AS GROUP 1, 2A OR 2B CARCINOGENS BY IARC.  
NATIONAL TOXICOLOGY PROGRAM (NTP): THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY CHEMICALS AT REPORTABLE QUANTITIES THAT ARE LISTED AS CARCINOGENS BY NTP. INTEGRATED RISK INFORMATION SYSTEM (IRIS): NOT AVAILABLE. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA): THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY CHEMICALS AT REPORTABLE QUANTITIES THAT ARE LISTED AS CARCINOGENS BY OSHA.  
OTHER CONSIDERATIONS: NO ADDITIONAL REMARK.

**Comment:**

Toxicological Data Unlimited Text: ACUTE LETHALITY: BASED ON TOXICITY OF COMPONENTS. ACUTE ORAL TOXICITY LETHAL DOSE KILL 50% (LD50): >5000 MG/KG (RAT). ACUTE DERMAL TOXICITY (LD50): >2000 MG/KG (RABBIT). ACUTE INHALATION TOXICITY LETHAL CONCENTRATION KILL 50% (LC50): >2500 MG/M3/4H (RAT). CHRONIC OR OTHER TOXIC EFFECTS: MUTAGENIC: BASED ON ACTUAL TEST RESULTS OF BASE OILS AND RESULTS OF SIMILAR PRODUCTS. SEVERELY HYDROTREATED BASE OILS GIVE NEGATIVE RESULTS WHEN TESTED FOR: (A) SALMONELLA TYPHIMURIUM TA98 USING THE MODIFIED AMES ASSAY FOR PETROLEUM PRODUCT; (B) SALMONELLA-ESCHERICHIA COLI/MAMMALIAN-MICROSOME REVERSE MUTATION ASSAY (AMES TEST) WITH A CONFIRMATORY ASSAY; (C) STRUCTURAL CHROMOSOMAL ABERRATIONS N CHINESE HAMSTER OVARY (CHO) CELLS. REPRODUCTIVE TOXICITY: THIS PRODUCT IS NOT EXPECTED TO BE A REPRODUCTIVE HAZARD, BASED ON THE AVAILABLE DATA AND THE KNOWN HAZARDS OF THE COMPONENTS. TERATOGENICITY/EMBRYOTOXICITY: THIS PRODUCT IS NOT EXPECTED TO BE A TERATOGEN OR AN EMBRYOTOXIN, BASED ON THE AVAILABLE DATA AND THE KNOWN HAZARDS OF THE COMPONENTS. OTHER CONSIDERATIONS: NO ADDITIONAL REMARK.

## 12 ECOLOGICAL INFORMATION

### ENVIRONMENTAL IMPACT

**Comment:**

ENVIRONMENTAL FATE: NOT AVAILABLE. PERSISTANCE/BIOACCUMULATION POTENTIAL: NOT AVAILABLE.  
BIOLOGICAL OXYGEN DEMAND IN 5 DAYS (BOD5) AND CHEMICAL OXYGEN DEMAND (COD): NOT AVAILABLE.  
PRODUCTS OF BIODEGRADATION: NOT AVAILABLE. ADDITIONAL REMARKS: NO ADDITIONAL REMARK.

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### 13 DISPOSAL CONSIDERATIONS

**Waste Disposal Information:**

SPENT/USED/WASTE OIL MAY MEET THE REQUIREMENTS OF A HAZARDOUS WASTE. CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES. PREFERRED WASTE MANAGEMENT PRIORITIES ARE: (1) RECYCLE OR REPROCESS; (2) INCINERATION WITH ENERGY RECOVERY; (3) DISPOSAL AT LICENSED WASTE DISPOSAL FACILITY. ENSURE THAT DISPOSAL OR REPROCESSING IS IN COMPLIANCE WITH GOVERNMENT REQUIREMENTS AND LOCAL DISPOSAL REGULATIONS.

### 14 TRANSPORT INFORMATION

**Comment:**

TRANSPORTATION DANGEROUS GOODS (CANADA) CLASSIFICATION: NOT CONTROLLED UNDER TDG (CANADA). SPECIAL PROVISIONS FOR TRANSPORT: NOT APPLICABLE. AGREEMENT OF DANGEROUS GOODS BY ROAD (EUROPE) (PICTOGRAMS): NOT EVALUATED FOR EUROPEAN TRANSPORT.

### 15 REGULATORY INFORMATION

#### LABELLING

**Hazard Codes:**

HMIS Reactivity	0
HMIS Health	1
HMIS Flammability	1
NFPA Flammability	1
NFPA Health	1
NFPA Reactivity	0

#### NATIONAL REGULATIONS

**Immediate Health:** No

**Delayed Health:** No

**Fire:** No

**Sudden Pressure Release:** No

**Reactive:** No

**Comment:**

WHMIS (CLASSIFICATION): NOT CONTROLLED. OTHER REGULATIONS: THIS PRODUCT IS ACCEPTABLE FOR USE UNDER THE PROVISIONS OF WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM (WHMIS)-CONTROLLED PRODUCTS REGULATIONS (CPR). ALL COMPONENTS OF THIS FORMULATION ARE LISTED ON THE CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA)-DOMESTIC SUBSTANCE LIST (DSL). ALL COMPONENTS OF THIS FORMULATION ARE LISTED ON THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (US EPA)-TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY. ALL COMPONENTS OF THIS PRODUCT ARE ON THE EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS). THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR. PLEASE CONTACT PRODUCT SAFETY FOR MORE INFORMATION. DANGEROUS SUBSTANCES OR DANGEROUS PREPARATIONS DIRECTIVES (EUROPE) (DSD/DPD): NOT EVALUATED. HAZARDOUS COMMUNICATION SYSTEM (HCS) (U.S.A.): NOT CONTROLLED UNDER THE HCS (UNITED STATES).

### 16 OTHER INFORMATION