


**SAFETY DATA SHEET**

Revision Date: 10/14/2016

Print Date: 5/8/2017

SDS Number: R0412087

Valvoline™ DEXRON-VI FULL SYNTHETIC  
AUTOMATIC TRANSMISSION FLUID

Version: 3.3

822405

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

Valvoline Canada Corp  
905 Winston Churchill Blvd  
Mississauga ON L5J 4P2

Regulatory Information Number  
Telephone  
Emergency telephone number

1-800-TEAMVAL  
1-800-TEAMVAL  
1-800-VALVOLINE

Product name Valvoline™ DEXRON-VI FULL SYNTHETIC AUTOMATIC TRANSMISSION  
FLUID

Product code 822405

**2. HAZARDS IDENTIFICATION**
**Emergency Overview**

Appearance: liquid, red

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.

**Potential Health Effects**
**Exposure routes**

Inhalation, Skin contact, Eye Contact, Ingestion

**Eye contact**

Unlikely to cause eye irritation or injury.

**Skin contact**

Unlikely to cause skin irritation or injury.

**Ingestion**

Swallowing this material is not likely to be harmful.

**Inhalation**

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

**Aggravated Medical Condition**

No data.

**Symptoms**

No symptoms known or expected.

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**Target Organs**

No data.

**Carcinogenicity**

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA). This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

**Reproductive hazard**

There are no data available for assessing risk to the fetus from maternal exposure to this material.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria.

**4. FIRST AID MEASURES****General Information**

No hazards which require special first aid measures.

**Eyes**

Remove contact lenses. Protect unharmed eye.

**Skin**

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

**Ingestion**

Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**Inhalation**

If breathed in, move person into fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

**Notes to physician**

**Hazards:** No information available.

**Treatment:** No hazards which require special first aid measures.

**5. FIREFIGHTING MEASURES**


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**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment., Water spray, Foam, Carbon dioxide (CO2), Dry chemical

**Hazardous combustion products**

carbon dioxide and carbon monoxide, Hydrocarbons

**Precautions for fire-fighting**

Do not allow run-off from fire fighting to enter drains or water courses. In the event of fire, wear self-contained breathing apparatus. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**NFPA Flammable and Combustible Liquids Classification**

Combustible Liquid Class IIIB

**6. ACCIDENTAL RELEASE MEASURES**
**Personal precautions**

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

**Environmental precautions**

Prevent product from entering drains.Prevent further leakage or spillage if safe to do so.If the product contaminates rivers and lakes or drains inform respective authorities.

**Methods for cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).Keep in suitable, closed containers for disposal.

**Other information**

Comply with all applicable federal, state, and local regulations.

**7. HANDLING AND STORAGE**
**Handling**

Container hazardous when empty.Smoking, eating and drinking should be prohibited in the application area.For personal protection see section 8. Normal measures for preventive fire protection.

**Storage**

Containers which are opened must be carefully resealed and kept upright to prevent leakage.Electrical installations / working materials must comply with the technological safety standards. No decomposition if stored and applied as directed.


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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Exposure Guidelines**
**HYDROTREATED LIGHT PARAFFINIC DISTILLATE 64742-55-8**

ZCAAB_OEL	8-hour Occupational exposure limit	5 mg/m <sup>3</sup>	Mist
ZCAAB_OEL	15-minute occupational exposure limit	10 mg/m <sup>3</sup>	Mist
ZCAQC_OEL	Time-weighted average exposure value	5 mg/m <sup>3</sup>	Mist
ZCAQC_OEL	Short-term exposure value	10 mg/m <sup>3</sup>	Mist
ZCABC_OEL	8-hour time weighted average	1 mg/m <sup>3</sup>	Mist

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ZCAQC_OEL	Short-term exposure value	10 mg/m <sup>3</sup>	Mist
ZCABC_OEL	8-hour time weighted average	1 mg/m <sup>3</sup>	Mist

**General advice**

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

General industrial hygiene practice.

**Exposure controls**

General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

**Eye protection**

Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

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**Skin and body protection**

Wear as appropriate:

Safety shoes

Wear resistant gloves (consult your safety equipment supplier).

**Respiratory protection**

No personal respiratory protective equipment normally required.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	liquid
<b>Colour</b>	red
<b>Odour</b>	No data available
<b>Boiling point/boiling range</b>	/ No data available
<b>pH</b>	No data available
<b>Flash point</b>	> 356 °F / > 180 °C Cleveland open cup
<b>Evaporation rate</b>	No data available
<b>Lower explosion limit/Upper explosion limit</b>	1 %(V) / 6 %(V) Calculated Explosive Limit
<b>Vapour pressure</b>	No data available
<b>Density</b>	0.849 g/cm <sup>3</sup> @ 60.01 °F / 15.56 °C
	7.08 lb/gal
<b>Water solubility</b>	No data available
<b>Solubility(ies)</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Viscosity, dynamic</b>	No data available
<b>Viscosity, kinematic</b>	29.5 mm <sup>2</sup> /s @ 40 °C
<b>Decomposition temperature</b>	No data available

**10. STABILITY AND REACTIVITY****Stability**

Stable under recommended storage conditions.

**Conditions to avoid**

excessive heat

**Incompatible products**

Strong oxidizing agents


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**Hazardous decomposition products**

carbon dioxide and carbon monoxide, Hydrocarbons

**Hazardous reactions**

Product will not undergo hazardous polymerization.

**Thermal decomposition**

No data available

**11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure : Inhalation  
 Skin contact  
 Eye Contact  
 Ingestion

**Product**

Acute oral toxicity : No data available

Acute inhalation toxicity : No data available

Acute dermal toxicity : No data available

Skin corrosion/irritation : Result: Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation : Unlikely to cause eye irritation or injury.

Respiratory or skin sensitisation : No data available

Aspiration toxicity : No aspiration toxicity classification

Further information : No data available

**Components:**

No data available

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**12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

No data available

**Components:**

No data available

**Persistence and degradability****Product:**

No data available

**Components:**

No data available

**Bioaccumulative potential****Product:**Partition coefficient: n-  
octanol/water : No data available**Components:**

No data available

**Mobility in soil****Product:**

No data available

**Components:**

No data available

**Other adverse effects****Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life with long lasting effects.



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**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods**

The product should not be allowed to enter drains, water courses or the soil. Dispose of in accordance with all applicable local, state and federal regulations.

Empty remaining contents. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**14. TRANSPORT INFORMATION**

**REGULATION**

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.

**U.S. DOT - ROAD**

Not dangerous goods

**CFR\_RAIL\_C**

Not dangerous goods

**U.S. DOT - INLAND WATERWAYS**

Not dangerous goods

**TDG\_ROAD\_C**

Not dangerous goods

**TDG\_RAIL\_C**

Not dangerous goods

**TDG\_INWT\_C**

Not dangerous goods

**INTERNATIONAL MARITIME DANGEROUS GOODS**

Not dangerous goods

MARINE  
POLLUTANT:(  
HETEROCYCL  
IC ETHER,  
OLEYLAMINE)



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**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO**

Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER**

Not dangerous goods

**MX\_DG**

Not dangerous goods

**\*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

**15. REGULATORY INFORMATION****WHMIS Classification**

Not Rated

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**Canadian National Pollutant Release Inventory (NPRI)** Canadian National Pollutant Release Inventory (NPRI): No component is listed on NPRI. Canadian National Pollutant Release Inventory (NPRI): No component is listed on NPRI.

**Notification status**

United States TSCA Inventory	y (positive listing)
Canadian Domestic Substances List (DSL)	y (positive listing)
Australia Inventory of Chemical Substances (AICS)	y (positive listing)
Japan. ENCS - Existing and New Chemical Substances Inventory	y (positive listing)
Korea. Korean Existing Chemicals Inventory (KECI)	y (positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (positive listing)
China. Inventory of Existing Chemical Substances in China (IECSC)	y (positive listing)

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	HMIS	NFPA
Health	1	1
Flammability	1	1
Physical hazards	0	
Instability		0
Specific Hazard	--	--

**16. OTHER INFORMATION**

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH : American Conference of Industrial Hygienists

BEI : Biological Exposure Index

CAS : Chemical Abstracts Service (Division of the American Chemical Society).

CMR : Carcinogenic, Mutagenic or Toxic for Reproduction

FG : Food grade

GHS : Globally Harmonized System of Classification and Labeling of Chemicals.

H-statement : Hazard Statement

IATA : International Air Transport Association.

IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO : International Civil Aviation Organization

ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"

IMDG : International Maritime Code for Dangerous Goods

ISO : International Organization for Standardization

logPow : octanol-water partition coefficient

LCxx : Lethal Concentration, for xx percent of test population

LDxx : Lethal Dose, for xx percent of test population.

ICxx : Inhibitory Concentration for xx of a substance

Ecxx : Effective Concentration of xx

N.O.S.: Not Otherwise Specified

OECD : Organization for Economic Co-operation and Development

OEL : Occupational Exposure Limit

P-Statement : Precautionary Statement

PBT : Persistent , Bioaccumulative and Toxic

PPE : Personal Protective Equipment

STEL : Short-term exposure limit


STOT : Specific Target Organ Toxicity

TLV : Threshold Limit Value

TWA : Time-weighted average

vPvB : Very Persistent and Very Bioaccumulative

WEL : Workplace Exposure Level

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CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act  
DOT : Department of Transportation  
FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act  
HMIRC : Hazardous Materials Information Review Commission  
HMIS : Hazardous Materials Identification System  
NFPA : National Fire Protection Association  
NIOSH : National Institute for Occupational Safety and Health  
OSHA : Occupational Safety and Health Administration  
PMRA : Health Canada Pest Management Regulatory Agency  
RTK : Right to Know  
WHMIS : Workplace Hazardous Materials Information System