

VALVOLINE® ATF DEXRON  
III/MERCON AUTOMATIC  
TRANSMISSION FLUID  
VE14820

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

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone	1-800-ASHLAND (1-800-274-5263)

Product name	VALVOLINE® ATF DEXRON III/MERCON AUTOMATIC TRANSMISSION FLUID
Product code	VE14820
Product Use Description	No data

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

Appearance: liquid,, amber

CAUTION! PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.

**Potential Health Effects**

**Routes of exposure**

Inhalation, Skin contact, Eye Contact, Ingestion

**Eye contact**

Unlikely to cause eye irritation or injury.

**Skin contact**

Unlikely to cause skin irritation or injury. Prolonged or repeated contact may dry and crack the skin.

**Ingestion**

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

**Inhalation**

VALVOLINE® ATF DEXRON  
III/MERCON AUTOMATIC  
TRANSMISSION FLUID  
VE14820

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**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, lung (for example, asthma-like conditions) Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, lung (for example, asthma-like conditions)

#### **Symptoms**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways)

#### **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). Used motor oil has been shown to cause skin cancer in laboratory animals continually exposed by repeated applications. Avoid prolonged or repeated skin contact.

#### **Reproductive hazard**

Based on the available information, risk to the fetus from maternal exposure to this material cannot be assessed.

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Components</b>	<b>CAS-No.</b>	<b>Concentration</b>
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAF		>=40-<50%
DISTILLATES (PETROLEUM),	64742-65-0	>=40-<50%

VALVOLINE® ATF DEXRON  
III/MERCON AUTOMATIC  
TRANSMISSION FLUID  
VE14820

<b>Components</b>	<b>CAS-No.</b>	<b>Concentration</b>
SOLVENT-DEWAXED HEAVY PARAFFINIC		

#### **4. FIRST AID MEASURES**

##### **Eyes**

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

##### **Skin**

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

##### **Ingestion**

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

##### **Inhalation**

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

##### **Notes to physician**

**Hazards:** Acute aspiration of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Repeated aspiration of small quantities of mineral oil can produce chronic inflammation of the lungs (i.e. lipoid pneumonia) that may progress to pulmonary fibrosis. Symptoms are often subtle and radiological changes appear worse than clinical abnormalities. Occasionally, persistent cough, irritation of the upper respiratory tract, shortness of breath with exertion, fever, and bloody sputum occur. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.

**Treatment:** No information available.

VALVOLINE® ATF DEXRON  
III/MERCON AUTOMATIC  
TRANSMISSION FLUID  
VE14820

## **5. FIRE-FIGHTING MEASURES**

### **Suitable extinguishing media**

Dry chemical, Foam, Carbon dioxide (CO<sub>2</sub>), Water mist

### **Hazardous combustion products**

carbon dioxide and carbon monoxide, Hydrocarbons

### **Precautions for fire-fighting**

Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). DO NOT direct a solid stream of water or foam into hot, burning pools of liquid since this may cause frothing and increase fire intensity. Frothing can be violent and possibly endanger any firefighter standing too close to the burning liquid.

### **Flammability Class for Flammable Liquids**

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. Spills of this material are very slippery.

### **Environmental precautions**

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not flush into surface water or sanitary sewer system.

### **Methods for cleaning up**

Absorb liquid on vermiculite, floor absorbent or other absorbent material. Wash walking surfaces with detergent and water to reduce slipping hazard.

### **Other information**

Notify the proper authorities as required that a spill has occurred. Comply with all applicable federal, state, and local regulations.

VALVOLINE® ATF DEXRON  
III/MERCON AUTOMATIC  
TRANSMISSION FLUID  
VE14820

## 7. HANDLING AND STORAGE

### Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

### Storage

Store in a cool, dry, ventilated area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

**DISTILLATES (PETROLEUM),**                      **64742-65-0**  
**SOLVENT-DEWAXED HEAVY**  
**PARAFFINIC**

OSHA Z1	Permissible exposure limit	500 ppm	
OSHA Z1	Permissible exposure limit	2,000 mg/m3	
OSHA Z1A	time weighted average	400 ppm	
OSHA Z1A	time weighted average	1,600 mg/m3	
US CA OEL	Time Weighted Average (TWA)	400 ppm	
	Permissible Exposure Limit (PEL):		
US CA OEL	Time Weighted Average (TWA)	1,600 mg/m3	
	Permissible Exposure Limit (PEL):		
ACGIH	time weighted average	5 mg/m3	Mist.
ACGIH	Short term exposure limit	10 mg/m3	Mist.
ACGIH NIC	time weighted average	0.2 mg/m3	Inhalable fraction.

### 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.

### Exposure controls

VALVOLINE® ATF DEXRON  
III/MERCON AUTOMATIC  
TRANSMISSION FLUID  
VE14820

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.

**Skin and body protection**

Wear resistant gloves (consult your safety equipment supplier).  
Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.

**Respiratory protection**

Respiratory protection is not required under normal conditions of use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	liquid
<b>Form</b>	No data
<b>Colour</b>	amber
<b>Odour</b>	oily
<b>Boiling point/boiling range</b>	350.00 °C / 662 °F
<b>pH</b>	No data
<b>Flash point</b>	347 °F / 175 °C
<b>Evaporation rate</b>	No data
<b>Explosion limits</b>	No data
<b>Vapour pressure</b>	No data
<b>Vapour density</b>	No data
<b>Density</b>	0.855 g/cm3
<b>Solubility</b>	insoluble in water
<b>Partition coefficient: n-</b>	No data

VALVOLINE® ATF DEXRON  
III/MERCON AUTOMATIC  
TRANSMISSION FLUID  
VE14820

**octanol/water**

**log Pow**

no data available

**Autoignition temperature**

No data

## 10. STABILITY AND REACTIVITY

### Stability

Stable

### Conditions to avoid

excessive heat

### Incompatible products

Strong oxidizing agents

### Hazardous decomposition products

Aldehydes, carbon dioxide and carbon monoxide, oxides of sulfur, nitrogen and phosphorus, Hydrocarbons

### Hazardous reactions

Product will not undergo hazardous polymerization.

### Thermal decomposition

No data

## 11. TOXICOLOGICAL INFORMATION

### Acute oral toxicity

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAF	LD 50 Rat: > 15 g/kg
DISTILLATES (PETROLEUM), SOLVENT- DEWAXED HEAVY PARAFFINIC	LD 50 Rat: > 5,000 mg/kg

### Acute inhalation toxicity

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAF	no data available
DISTILLATES (PETROLEUM), SOLVENT- DEWAXED HEAVY PARAFFINIC	no data available

VALVOLINE® ATF DEXRON  
III/MERCON AUTOMATIC  
TRANSMISSION FLUID  
VE14820

**Acute dermal toxicity**

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAF	LD 50 Rabbit: > 5 g/kg
DISTILLATES (PETROLEUM), SOLVENT- DEWAXED HEAVY PARAFFINIC	LD 50 Rabbit: > 5,000 mg/kg

**12. ECOLOGICAL INFORMATION**

**Aquatic toxicity**

**Acute and Prolonged Toxicity to Fish**

No data

**Acute Toxicity to Aquatic Invertebrates**

No data

**Environmental fate and pathways**

No data

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods**

Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution's Environmental Services Group at 800-637-7922.

**14. TRANSPORT INFORMATION**

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**

VALVOLINE® ATF DEXRON  
III/MERCON AUTOMATIC  
TRANSMISSION FLUID  
VE14820

**California Prop. 65**

WARNING! This product contains a chemical known in the State of California to cause cancer.

ORTHO TOLUIDINE  
ANILINE  
LEAD  
ARSENIC  
CADMIUM  
BENZENE  
ETHYL BENZENE

WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

BENZENE  
CADMIUM  
LEAD

**SARA Hazard Classification** Acute Health Hazard

**SARA 313 Component(s)**

**Reportable quantity - Components**

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAF		none
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC	64742-65-0	none

	<b>Health</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Other</b>
<b>HMIS</b>	1	1	0	
<b>NFPA</b>	1	1	0	

**16. OTHER INFORMATION**

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their

**ASHLAND**  
**SAFETY DATA SHEET**

Page: 10

Revision Date: 03/31/2009

Print Date: 4/15/2009

MSDS Number: 000000098044

Version: 1.0

VALVOLINE® ATF DEXRON  
III/MERCON AUTOMATIC  
TRANSMISSION FLUID  
VE14820

circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).