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SAFETY DATA SHEET		Revision Date: 06.04.2011
		Print Date: 14.06.2011
VALVOLINE® ATF DEXRON III/MERCON AUTOMATIC TRANSMISSION FLUID		MSDS Number: 000000098044 Version: 2.0
VE14820		

Conforms to EU Regulation 1907/2006/EC as amended. - MSDS_IE

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

Ashland P.O. Box 8619 NL3009 AP, Rotterdam Netherlands EUSMT@ashland.com	Emergency telephone number +1-800-ASHLAND (+1-800-274-5263/+1-606-329-5701) , or contact your local emergency telephone number at 112 Product Information +31 10 497 5000 (in the Netherlands), or contact your local CSR contact person
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Product name VALVOLINE® ATF DEXRON III/MERCON AUTOMATIC TRANSMISSION FLUID

Product code VE14820
Product Use Description No data

2. HAZARDS IDENTIFICATION

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS-No.	EINECS-No.	Concentration	Symbol(s)	R-phrases(s)
Distillates (Petroleum), Hydrotreated Middle	64742-46-7	265-148-2	>=2,5 - <5%	Xn	R65

For the full text of the R-phrases mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

General Information

First aid is not normally required. If symptoms develop, seek medical attention.

Eyes

Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists. Remove contact lenses.

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Skin

Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water.

Ingestion

Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Inhalation

Move to fresh air. If symptoms persist, call a physician. In case of shortness of breath, give oxygen.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

ABC powder, Water mist, Carbon dioxide (CO₂), Dry chemical

Unsuitable extinguishing media

no data available

Hazardous combustion products

carbon dioxide and carbon monoxide, Hydrocarbons

Thermal decomposition

no data available

Precautions for fire-fighting

Do not allow run-off from fire fighting to enter drains or water courses. Keep containers and surroundings cool with water spray. Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Personal protective equipment

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions

Prevent further leakage or spillage if safe to do so.

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Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Large spills should be collected mechanically (remove by pumping) for disposal. Keep in suitable, closed containers for disposal.

Other information

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

7. HANDLING AND STORAGE

Handling

Do not breathe vapours or spray mist. For personal protection see section 8. Avoid exceeding of the given occupational exposure limits (see section 8). Smoking, eating and drinking should be prohibited in the application area. No special handling advice required. Normal measures for preventive fire protection.

Storage

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Stable under recommended storage conditions. Stable under recommended storage conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

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. Avoid contact with skin, eyes and clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Always have on hand a first-aid kit, together with proper instructions.

Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

Eye protection

Safety glasses with side-shields

Skin and body protection

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Wear as appropriate:

Safety shoes

Not normally required.

Wear resistant gloves such as:

Nitrile rubber

butyl-rubber

Respiratory protection

No personal respiratory protective equipment normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Form	no data available
Colour	red
Odour	oily
Boiling point/boiling range	(>)350,00 °C
Melting point/range	Pour point -42 °C
Sublimation point	no data available
pH	no data available
Flash point	175,00 °C
Ignition temperature	no data available
Evaporation rate	no data available
Lower explosion limit / Upper explosion limit	no data available
Dust explosion class	no data available
Dust explosion constant	no data available
Burning number	no data available
Particle size	no data available
Vapour pressure	no data available
Vapour density	no data available
Density	(ca.)0,858 g/cm ³ @ 59 °F / 15 °C
Bulk density	no data available
Solubility(ies)	Water insoluble
Partition coefficient: n-octanol/water	no data available
log Pow	no data available
Autoignition temperature	no data available
Viscosity, dynamic	no data available
Viscosity, kinematic	37 mm ² /s @ 40 °C
Hydrolysis	no data available

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Physico-chemical removability	no data available
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10. STABILITY AND REACTIVITY

Stability

No hazards to be specially mentioned.

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

Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Exposure routes

Skin contact, Eye Contact, Ingestion Skin contact, Eye Contact, Ingestion

Eye contact

Mild eye irritation

Skin contact

Causes mild skin irritation. Causes mild skin irritation.

Ingestion

Not known to be harmful if swallowed. Not known to be harmful if swallowed.

Inhalation

Not known to be harmful if inhaled. Not known to be harmful if inhaled.

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)

Symptoms

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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 available

Acute oral toxicity

Distillates (Petroleum), Hydrotreated Middle (64742-46-7) : LD 50 Rat: > 5.000 mg/kg

Acute inhalation toxicity

Distillates (Petroleum), Hydrotreated Middle (64742-46-7) : no data available

Acute dermal toxicity

Distillates (Petroleum), Hydrotreated Middle (64742-46-7) : no data available

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability

Distillates (Petroleum), Hydrotreated Middle (64742-46-7) : no data available

Physico-chemical removability

Distillates (Petroleum), Hydrotreated Middle (64742-46-7) : no data available

Bioaccumulation

: The bioaccumulation potential cannot be determined.

Ecotoxicity effects

Toxicity to fish

Distillates (Petroleum), Hydrotreated Middle (64742-46-7) : no data available

Toxicity to daphnia and other aquatic invertebrates.

Distillates (Petroleum), Hydrotreated Middle (64742-46-7) : no data available

Toxicity to algae

Distillates (Petroleum), Hydrotreated Middle (64742-46-7) : no data available

Toxicity to bacteria

Distillates (Petroleum), Hydrotreated Middle (64742-46-7) : no data available

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13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with the European Directives on waste and hazardous waste. Container hazardous when empty. Dispose of in accordance with local regulations. Container hazardous when empty. Dispose of in accordance with local regulations.

Empty packaging

Empty remaining contents. Empty remaining contents.

European Waste Catalogue

The following Waste Codes are only suggestions:

130205 mineral-based non-chlorinated engine, gear and lubricating oils

14. TRANSPORT INFORMATION

REGULATION

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

Not dangerous goods

ADNR

Not dangerous goods

RID

Not dangerous goods

INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

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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

Hazard symbols

none

R-phrases(s)

none

S-phrase(s)

S29/56

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

Special labelling of certain mixtures

1999/45/EC

Safety data sheet available for professional user on request.

Notification status

EU. EINECS

y (positive listing)

US. Toxic Substances Control Act

y (positive listing)

Australia. Industrial Chemical (Notification and Assessment) Act

n (Negative listing)

Canada. Canadian Environmental Protection Act (CEPA).

y (positive listing)

Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)

Japan. Kashin-Hou Law List

n (Negative listing)

Korea. Toxic Chemical Control Law (TCCL) List

y (positive listing)

Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act

y (positive listing)

China. Inventory of Existing Chemical Substances

y (positive listing)

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand

n (Negative listing)

16. OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

R65

Harmful: may cause lung damage if swallowed.

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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 circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (+31 10 497 5000).