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**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier**

Trade name : Valvoline™ Mercon V Automatic Transmission Fluid  
™ Trademark, Valvoline or its subsidiaries, registered in various countries

<b>Details of the supplier of the safety data sheet</b> Valvoline LLC 100 Valvoline Way Lexington, KY 40509 United States of America (USA) 1-800-TEAMVAL (1-800-832-6825)  SDS@valvoline.com	<b>Emergency telephone number</b> +1-800-VALVOLINE (+1-800-825-8654)  <b>Regulatory Information Number</b> 1-800-TEAMVAL (1-800-832-6825)  <b>Product Information</b> 1-800-TEAMVAL (1-800-832-6825)
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**SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification**

Serious eye damage/eye irritation : Category 2A

Skin sensitisation : Category 1

**GHS label elements**

Hazard pictograms : 

Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P264 Wash skin thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves/ eye protection/ face protection.  
**Response:**

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P302 + P352 IF ON SKIN: Wash with plenty of water.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
 P337 + P313 If eye irritation persists: Get medical advice/ attention.  
 P362 + P364 Take off contaminated clothing and wash it before reuse.  
**Disposal:**  
 P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards which do not result in classification**  
 No information available.

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

Substance / Mixture : Mixture

**Hazardous components**

Chemical name	CAS-No.	Classification	Concentration (%)
PETROLEUM DISTILLATES	64742-54-7	Not a hazardous substance or mixture.	>= 30.00 - < 50.00
PETROLEUM DISTILLATES	64742-55-8	Not a hazardous substance or mixture.	>= 30.00 - < 50.00
PETROLEUM DISTILLATES		Not a hazardous substance or mixture.	>= 10.00 - < 20.00
POLYALKYLMETHACRYLATE		2A; H319	>= 10.00 - < 20.00
PETROLEUM DISTILLATES	64742-55-8	Asp. Tox. 1; H304	>= 1.00 - < 10.00
METHACRYLATE COPOLYMER		Eye Corr/Irr 2A; H319	>= 1.00 - < 10.00
ALKOXYLATED LONG-CHAIN ALKYL AMINE		Acute Tox. 4; H302 Skin Corr/Irr 1; H314	>= 0.10 - < 0.25



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		<p>Eye Corr/Irr 1; H318</p> <p>Skin Sens. 1B; H317</p> <p>Aquatic Acute 3; H402</p> <p>Aquatic Chronic 3; H412</p>	
ALKYL METHACRYLATE		<p>Skin Corr/Irr 2; H315</p> <p>Eye Corr/Irr 2A; H319</p> <p>Skin Sens. 1; H317</p> <p>STOT SE 3; H335</p> <p>Aquatic Acute 1; H400</p> <p>Aquatic Chronic 1; H410</p>	>= 0.10 - < 0.25
ALKYL ALKOXY AMINE		<p>Skin Corr/Irr 1B; H314</p> <p>Eye Corr/Irr 1; H318</p> <p>Aquatic Acute 1; H400</p> <p>Aquatic Chronic 1; H410</p>	>= 0.10 - < 0.25

**SECTION 4. FIRST AID MEASURES**

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- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If breathed in, move person into fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Remove contaminated clothing. If irritation develops, get medical attention.  
If on skin, rinse well with water.  
First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.  
Wash contaminated clothing before re-use.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.
- If swallowed : Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.  
Causes serious eye irritation.  
No symptoms known or expected.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Causes serious eye irritation.
- Notes to physician : No hazards which require special first aid measures.

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## SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Water spray  
Foam  
Carbon dioxide (CO2)  
Dry chemical
- Unsuitable extinguishing media : High volume water jet

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- Specific hazards during firefighting : If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.  
Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : carbon dioxide and carbon monoxide  
Hydrocarbons  
nitrogen oxides (NOx)
- Specific extinguishing methods : Standard procedure for chemical fires.  
  
Product is compatible with standard fire-fighting agents.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.  
Comply with all applicable federal, state, and local regulations.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.
- Methods and materials for containment and 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.

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapours/dust.  
Do not smoke.  
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.  
Container hazardous when empty.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
Smoking, eating and drinking should be prohibited in the application area.

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For personal protection see section 8.  
 Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
PETROLEUM DISTILLATES	64742-54-7	CMP (Mist)	5 mg/m3 Mist	AR OEL
		CMP - CPT (Mist)	10 mg/m3 Mist	AR OEL
		TWA (Mist)	5 mg/m3 Mist	PE OEL
		STEL (Mist)	10 mg/m3 Mist	PE OEL
		L-8/40 (Mist)	5 mg/m3 Mist	VE OEL
		LB (Mist)	10 mg/m3 Mist	VE OEL
		CPT (Mist)	5 mg/m3 Mist	PA OEL
		CCT (Mist)	10 mg/m3 Mist	PA OEL
		L-8/40	0.2 mg/m3	VE OEL
		TWA	5 mg/m3	CR OEL
PETROLEUM DISTILLATES	64742-55-8	CMP (Mist)	5 mg/m3 Mist	AR OEL
		CMP - CPT (Mist)	10 mg/m3 Mist	AR OEL
		TWA (Mist)	5 mg/m3 Mist	PE OEL
		STEL (Mist)	10 mg/m3 Mist	PE OEL
		L-8/40 (Mist)	5 mg/m3 Mist	VE OEL
		LB (Mist)	10 mg/m3 Mist	VE OEL
		CPT (Mist)	5 mg/m3 Mist	PA OEL
		CCT (Mist)	10 mg/m3 Mist	PA OEL
		TWA	5 mg/m3	CR OEL

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PETROLEUM DISTILLATES		CMP (Mist)	5 mg/m3 Mist	AR OEL
		CMP - CPT (Mist)	10 mg/m3 Mist	AR OEL
		TWA (Mist)	5 mg/m3 Mist	PE OEL
		STEL (Mist)	10 mg/m3 Mist	PE OEL
		L-8/40 (Mist)	5 mg/m3 Mist	VE OEL
		LB (Mist)	10 mg/m3 Mist	VE OEL
		CPT (Mist)	5 mg/m3 Mist	PA OEL
		CCT (Mist)	10 mg/m3 Mist	PA OEL
		TWA (Mist, inhalable)	5 mg/m3 Mist, inhalable	CR OEL
		STEL (Mist)	10 mg/m3 Mist	CR OEL
PETROLEUM DISTILLATES	64742-55-8	CMP (Mist)	5 mg/m3 Mist	AR OEL
		CMP - CPT (Mist)	10 mg/m3 Mist	AR OEL
		TWA (Mist)	5 mg/m3 Mist	PE OEL
		STEL (Mist)	10 mg/m3 Mist	PE OEL
		L-8/40 (Mist)	5 mg/m3 Mist	VE OEL
		LB (Mist)	10 mg/m3 Mist	VE OEL
		CPT (Mist)	5 mg/m3 Mist	PA OEL
		CCT (Mist)	10 mg/m3 Mist	PA OEL
		TWA	5 mg/m3	CR OEL

**Engineering measures** : 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.

**Personal protective equipment**

Hand protection

Remarks

: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.



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- Skin and body protection : Wear as appropriate:  
Impervious clothing  
Safety shoes  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Discard gloves that show tears, pinholes, or signs of wear.
  
- Hygiene measures : Wash hands before breaks and at the end of workday.  
When using do not eat or drink.  
When using do not smoke.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : liquid
- Colour : red
- Odour : No data available
- Odour Threshold : No data available
- pH : No data available
- Melting point/freezing point : No data available
- Boiling point/boiling range : No data available
- Flash point : 190 °C
  
- Evaporation rate : No data available
- Flammability (solid, gas) : No data available
- Self-ignition : No data available
- Upper explosion limit / Upper flammability limit : No data available  
No data available
- Lower explosion limit / Lower flammability limit : No data available  
No data available
- Vapour pressure : 0.0133333 hPa (21.11 °C)  
Calculated Vapor Pressure
- Relative vapour density : No data available



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Relative density : No data available

Density : 0.858 g/cm<sup>3</sup> (15.56 °C)

Solubility(ies)

Water solubility : negligible

Solubility in other solvents : No data available

Partition coefficient: n-  
octanol/water : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : 34.6 mm<sup>2</sup>/s ( 40 °C)

Oxidizing properties : No data available

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous  
reactions : Product will not undergo hazardous polymerization.

Conditions to avoid : excessive heat

Incompatible materials : alkalis  
Strong acids  
Strong oxidizing agents

Hazardous decomposition  
products : No hazardous decomposition products are known.

**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified based on available information.

**Components:****PETROLEUM DISTILLATES:**

Acute oral toxicity : LD50 (Rat): &gt; 15 g/kg

Acute dermal toxicity : LD50 (Rabbit): &gt; 5 g/kg

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**PETROLEUM DISTILLATES:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5.58 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: Not classified as acutely toxic by inhalation under GHS.  
Remarks: No mortality observed at this dose.

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg  
Remarks: No mortality observed at this dose.

**ALKOXYLATED LONG-CHAIN ALKYL AMINE:**

Acute oral toxicity : Assessment: The component/mixture is classified as acute oral toxicity, category 4.

**Skin corrosion/irritation**

Not classified based on available information.

**Product:**

Remarks: May cause skin irritation in susceptible persons.

**Components:****PETROLEUM DISTILLATES:**

Result: Slight, transient irritation

**PETROLEUM DISTILLATES:**Species: Rabbit  
Result: No skin irritation**PETROLEUM DISTILLATES:**

Result: Slight, transient irritation

**POLYALKYLMETHACRYLATE:**

Result: No skin irritation

**PETROLEUM DISTILLATES:**

Result: Slight, transient irritation

**METHACRYLATE COPOLYMER:**

Result: No skin irritation

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**ALKOXYLATED LONG-CHAIN ALKYL AMINE:**Result: **Corrosive****ALKYL METHACRYLATE:**Result: **Irritating to skin.****ALKYL ALKOXY AMINE:**Result: **Corrosive after 3 minutes to 1 hour of exposure****Serious eye damage/eye irritation**

Causes serious eye irritation.

**Product:**

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin., Causes serious eye irritation.

**Components:****PETROLEUM DISTILLATES:**Result: **No eye irritation****PETROLEUM DISTILLATES:**Species: **Rabbit**Result: **No eye irritation****PETROLEUM DISTILLATES:**Result: **Slight, transient irritation****POLYALKYLMETHACRYLATE:**Result: **Irritating to eyes.****PETROLEUM DISTILLATES:**Result: **Slight, transient irritation****METHACRYLATE COPOLYMER:**Result: **Irritating to eyes.****ALKOXYLATED LONG-CHAIN ALKYL AMINE:**Result: **Corrosive**

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**ALKYL METHACRYLATE:**Result: **Irritating to eyes.****ALKYL ALKOXY AMINE:**Result: **Corrosive****Respiratory or skin sensitisation**

Skin sensitisation: May cause an allergic skin reaction.

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

**Components:****PETROLEUM DISTILLATES:**Test Type: **Buehler Test**Species: **Guinea pig**Assessment: **Does not cause skin sensitisation.****ALKOXYLATED LONG-CHAIN ALKYL AMINE:**Assessment: **The product is a skin sensitiser, sub-category 1B.****ALKYL METHACRYLATE:**Assessment: **May cause sensitisation by skin contact.****Germ cell mutagenicity**


Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Components:****PETROLEUM DISTILLATES:**Carcinogenicity - Assessment : **Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)****PETROLEUM DISTILLATES:**Carcinogenicity - Assessment : **Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)****PETROLEUM DISTILLATES:**Carcinogenicity - Assessment : **Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)****Reproductive toxicity**

Not classified based on available information.

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**STOT - single exposure**

Not classified based on available information.

**Components:**

ALKYL METHACRYLATE:

Assessment: **May cause respiratory irritation.**

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Components:**

PETROLEUM DISTILLATES:

**No aspiration toxicity classification**

PETROLEUM DISTILLATES:

**May be fatal if swallowed and enters airways.**

PETROLEUM DISTILLATES:

**May be fatal if swallowed and enters airways.**

**Further information**

**Product:**

Remarks: No data available

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Components:**

PETROLEUM DISTILLATES:

Toxicity to fish	: <b>LL50 (Fish): &gt; 100 mg/l</b> Exposure time: <b>96 h</b>
Toxicity to daphnia and other aquatic invertebrates	: <b>EL50 (Aquatic invertebrates): &gt; 10,000 mg/l</b> Exposure time: <b>48 h</b>
Toxicity to algae	: <b>EL50 (Algae, algal mat (Algae)): &gt; 100 mg/l</b> Exposure time: <b>72 h</b>
Toxicity to fish (Chronic toxicity)	: <b>NOEC (Fish): 10 mg/l</b>
Toxicity to daphnia and other aquatic invertebrates	: <b>NOEC (Aquatic invertebrates): 10 mg/l</b>

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(Chronic toxicity)

**PETROLEUM DISTILLATES:**

Toxicity to fish : **LL50 (Pimephales promelas (fathead minnow)): > 100 mg/l**  
 Exposure time: 96 h  
 Test Type: static test  
 Test substance: WAF  
 Method: OECD Test Guideline 203  
 Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates : **EL50 (Daphnia magna (Water flea)): > 10,000 mg/l**  
 Exposure time: 48 h  
 Test Type: static test  
 Test substance: WAF  
 Method: OECD Test Guideline 202

Toxicity to algae : **NOEL (Pseudokirchneriella subcapitata (green algae)): >= 100 mg/l**  
 End point: Growth inhibition  
 Exposure time: 72 h  
 Test Type: static test  
 Test substance: WAF  
 Method: OECD Test Guideline 201

Toxicity to fish (Chronic toxicity) : **NOELR (Oncorhynchus mykiss (rainbow trout)): Calculated >= 1,000 mg/l**  
 Exposure time: 14 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : **NOEL (Daphnia (water flea)): 10 mg/l**  
 Exposure time: 21 d  
 Test substance: WAF  
 Method: OECD Test Guideline 211

**ALKOXYLATED LONG-CHAIN ALKYL AMINE:**

Ecotoxicology Assessment

Short-term (acute) aquatic hazard : **Harmful to aquatic life.**

Long-term (chronic) aquatic hazard : **Harmful to aquatic life with long lasting effects.**

**ALKYL METHACRYLATE:**

Ecotoxicology Assessment

Short-term (acute) aquatic hazard : **Very toxic to aquatic life.**

Long-term (chronic) aquatic hazard : **Very toxic to aquatic life with long lasting effects.**

**ALKYL ALKOXY AMINE:**

Ecotoxicology Assessment

Short-term (acute) aquatic hazard : **Very toxic to aquatic life.**

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hazard

Long-term (chronic) aquatic hazard : **Very toxic to aquatic life with long lasting effects.**

No data available

**Persistence and degradability****Components:**

PETROLEUM DISTILLATES:

Biodegradability : Result: **Not readily biodegradable.**  
Biodegradation: **2 - 4 %**  
Exposure time: **28 d**  
Method: **OECD Test Guideline 301B**

No data available

**Bioaccumulative potential****Components:**

PETROLEUM DISTILLATES:

Partition coefficient: n-octanol/water : log Pow: **Expected > 7**

No data available

**Mobility in soil****Components:**

No data available

**Other adverse effects**

No data available

**Product:**


Additional ecological information : No data available

**Components:****SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

General advice : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with  
chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Empty containers should be taken to an approved waste  
handling site for recycling or disposal.  
Do not re-use empty containers.

**SECTION 14. TRANSPORT INFORMATION**

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### International Regulations

#### UNRTDG

Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

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.

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## SECTION 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical Control Order (CCO) : Not applicable

Priority Chemical List (PCL) : Not applicable

### Other international regulations

#### The components of this product are reported in the following inventories:

DSL : All components of this product are on the Canadian DSL

AICS : Not in compliance with the inventory

ENCS : On the inventory, or in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : Not in compliance with the inventory

TCSI : Not in compliance with the inventory

TSCA : On TSCA Inventory


### Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

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## SECTION 16. OTHER INFORMATION



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### Further information

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### Full text of H-Statements

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H402	Harmful to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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 circumstances. This SDS has been prepared by Valvoline's Environmental Health and Safety Department (1-800-VALVOLINE).

### Sources of key data used to compile the Safety Data Sheet

Valvoline internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

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

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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

#### CEATOX

Assistance Center of the Institute of Toxicology

Children's Hospital Clinic, Faculty of Medicine

University of São Paulo.

BR OEL : Occupational Exposure Limit (Brazil)

UY OEL : Occupational Exposure Limit (Uruguay)

PY OEL : Occupational Exposure Limit (Paraguay)