

Valvoline™ DAILY PROTECTION SAE 10W-40 Motor Oil

Version: 3.0	Revision Date: 06/19/2023	Print Date: 06/21/2023
SECTION 1. IDENTIFICATION		
Product name	: Valvoline™ DAILY PROTECTION SAE 10W-4 Motor Oil	40
Product code	: 797671	
Manufacturer or supplier's	letails	
Company name of supplier	: Valvoline Global Operations	
Address	: 100 Valvoline Way Lexington, KY 40509 United States of America (USA)	
Telephone	: 1-800-TEAMVAL (1-800-832-6825)	
E-mail address	: SDS@valvolineglobal.com	
Emergency telephone number	: +1-800-VALVOLINE (+1-800-825-8654)	
Recommended use of the o	nemical and restrictions on use	
Recommended use	: Motor Oil	

#### **SECTION 2. HAZARDS IDENTIFICATION**

# GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

#### **GHS** label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

#### Other hazards

None known.

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



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Substance / Mixture : Mixture

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	>= 80 - < 90
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	>= 5 - < 10
HYDROTREATED LIGHT PARAFFINIC DISTILLATE	64742-55-8	>= 1.5 - < 5
Actual concentration is withheld as	a trado socrot	

Actual concentration is withheld as a trade secret

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

General advice	:	Do not leave the victim unattended.
If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of eye contact	:	Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. 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	:	No symptoms known or expected.
Notes to physician	:	No hazards which require special first aid measures.
		Treat symptomatically.

#### **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.



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Unsuitable extinguishing media	: High volume water jet	
Hazardous combustion products	: carbon dioxide and carbon monoxide	
Further information	: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to lo circumstances and the surrounding environment.	ocal
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefightin necessary.	ng if

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8. Use personal protective equipment.
Environmental precautions	:	If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Wipe up with absorbent material (e.g. cloth, fleece). 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	:	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Conditions for safe storage	:	Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	:	No materials to be especially mentioned.
Further information on storage stability	:	No decomposition if stored and applied as directed.



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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH
HYDROTREATED LIGHT PARAFFINIC DISTILLATE	64742-55-8	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH

#### Components with workplace control parameters

#### Personal protective equipment

i oroonar protootivo oquipine		
Respiratory protection	:	No personal respiratory protective equipment normally required.
Hand protection Material Break through time Glove thickness Directive	:	neoprene, nitrile rubber >= 240 min >= 0.35 mm Equipment should conform to EN 374
Remarks	:	The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.



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Global			
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		The data about break through time/strength of mate standard values! The exact break through time/stree material has to be obtained from the producer of the protective glove.	ngth of
Eye protection	:	Safety glasses	
Skin and body protection	:	Protective suit	
Hygiene measures	:	General industrial hygiene practice.	
SECTION 9. PHYSICAL AND CH	EMI	CAL PROPERTIES	
Appearance	:	liquid	
Colour	:	amber	
Odour	:	hydrocarbon-like	
Odour Threshold	:	No data available	
рН	:	No data available	
Melting point/freezing point	:	No data available	
Boiling point/boiling range	:	570.00 °F / 298.89 °C (1013.33 hPa)	
Flash point	:	394 - 480 °F / 201 - 249 °C	
		Method: Cleveland open cup	
Evaporation rate	:	1 Ethyl Ether	
Flammability (solid, gas)	:	No data available	
Self-ignition	:	No data available	
Upper explosion limit / Upper flammability limit	• :	No data available	
Lower explosion limit / Lower flammability limit	• :	No data available	



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Vapour pressure	:	No data available	
Relative vapour density	:	No data available	
Relative density	:	No data available	
Density	:	0.8690 g/cm3 (60.01 °F / 15.56 °C)	
Solubility(ies) Water solubility	:	No data available	
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	:	104 mm2/s (104 °F / 40 °C)	
Oxidizing properties	:	No data available	

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	: excessive heat
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: No hazardous decomposition products are known.

### SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Not classified based on available information.



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Components:	
DISTILLATES (PETROLEUM), H	IYDROTREATED HEAVY PARAFFINIC:
Acute oral toxicity :	LD50 (Rat): > 15 g/kg
Acute dermal toxicity :	LD50 (Rabbit): > 5 g/kg
DISTILLATES (PETROLEUM). H	IYDROTREATED HEAVY PARAFFINIC:
Acute oral toxicity :	
	. ,
Acute dermal toxicity :	LD50 (Rabbit): > 5 g/kg
Skin corrosion/irritation	
Not classified based on available	information.
Components:	
Assessment	IYDROTREATED HEAVY PARAFFINIC:
Result :	Slight, transient irritation Slight, transient irritation
DISTILLATES (PETROLEUM), H	IYDROTREATED HEAVY PARAFFINIC:
Assessment :	Slight, transient irritation
Result :	Slight, transient irritation
HYDROTREATED LIGHT PARA	FFINIC DISTILLATE:
Assessment :	Slight, transient irritation
Result :	Slight, transient irritation
Serious eye damage/eye irritati	ion
Not classified based on available	
Components:	
Result : Assessment :	No eye irritation No eye irritation
DISTILLATES (PETROLEUM), H	IYDROTREATED HEAVY PARAFFINIC:
Result :	No eye irritation
Assessment :	No eye irritation

#### HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

Result : Slight, transient irritation



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Assessment

: Slight, transient irritation

#### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### Components:

#### DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:

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

#### DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:

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

#### HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

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

- **IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- **OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
- **NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

#### Reproductive toxicity

Not classified based on available information.

#### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.



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### Aspiration toxicity

Not classified based on available information.

#### **Components:**

### DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:

No aspiration toxicity classification

#### HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

May be fatal if swallowed and enters airways.

#### Further information

#### Product:

Remarks

: No data available

### SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity					
Product:					
Ecotoxicology Assessment Acute aquatic toxicity	:	Not classified based on available information.			
Chronic aquatic toxicity	:	Not classified based on available information.			
Components:					
DISTILLATES (PETROLEUM	DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:				
Toxicity to fish	:	LL50 (Fish): > 100 mg/l Exposure time: 96 h			
Toxicity to daphnia and other aquatic invertebrates	:	EL50 (Aquatic invertebrates): > 10,000 mg/l Exposure time: 48 h			
Toxicity to algae/aquatic plants	:	EL50 (Algae, algal mat (Algae)): > 100 mg/l Exposure time: 72 h			
Toxicity to fish (Chronic toxicity)	:	NOEC (Fish): 10 mg/l			
	:	NOEC (Aquatic invertebrates): 10 mg/l			



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Ecotoxicology Assessment		
Acute aquatic toxicity	: Not classified based on available information.	
Chronic aquatic toxicity	: Not classified based on available information.	
DISTILLATES (PETROLEUM	), HYDROTREATED HEAVY PARAFFINIC:	
Ecotoxicology Assessment		
Acute aquatic toxicity	: Not classified based on available information.	
Chronic aquatic toxicity	: Not classified based on available information.	
HYDROTREATED LIGHT PA	RAFFINIC DISTILLATE:	
Ecotoxicology Assessment		
Acute aquatic toxicity	: Not classified based on available information.	
Chronic aquatic toxicity	: Not classified based on available information.	
Persistence and degradabil	ty	
No data available		
Bioaccumulative potential		
Components:		
DISTILLATES (PETROLEUM	), HYDROTREATED HEAVY PARAFFINIC:	
Partition coefficient: n- octanol/water	: log Pow: Expected > 7	
Mobility in soil		
No data available		
Other adverse effects		
Product:		
Ozone-Depletion Potential	<ul> <li>Regulation: 40 CFR Protection of Environment; Protection of Stratospheric Ozone - CAA Sectio Substances</li> <li>Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as U.S. Clean Air Act Section 602 (40 CFR 82, Sub B).</li> </ul>	n 602 Class I s defined by the
Additional ecological information	: No data available	



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### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Contaminated packaging

: Empty containers should be taken to an approved waste handling site for recycling or disposal.

#### **SECTION 14. TRANSPORT INFORMATION**

#### **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.

#### **National Regulations**

49 CFR

Not regulated as a dangerous good

#### Special precautions for user

Not applicable

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.

#### SECTION 15. REGULATORY INFORMATION

#### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : No SARA Hazards



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Version: 3.0Revision Date: 06/19/2023Print Date: 06/21/2023SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

#### **Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

#### **US State Regulations**

### Massachusetts Right To Know

Lubricating oils (petroleum), hydrotreated HYDROTREATED LIGHT PARAFFINIC DISTILLATE PROPRIETARY OF LUBRIZOL 7065C	64742-58-1 64742-55-8 Not Assigned						
Pennsylvania Right To Know							
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7						
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7						
PROPRIETARY SUBSTANCE OF LUBRIZOL PV1510 000000280302	Not Assigned						
HYDROTREATED LIGHT PARAFFINIC DISTILLATE DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC (<3 % DMSO EXTRACT)	64742-55-8 64742-65-0						
Maine Chemicals of High Concern							
Lubricating oils (petroleum), hydrotreated PROPRIETARY OF LUBRIZOL 7065C Lubricating oils (petroleum), C15-30, hydrotreated neutral oil- based	64742-58-1 Not Assigned 72623-86-0						
Vermont Chemicals of High Concern							
Lubricating oils (petroleum), hydrotreated	64742-58-1						



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	PROPRIETARY OF Lubricating oils (petro based		IBRIZOL 7065C eum), C15-30, hydrotreated neutral oil-	Not Assigne 72623-86-0	d
Washing	ton Chemicals of Hig	gh	Concern		
	Lubricating oils (petro PROPRIETARY OF Lubricating oils (petro based	LU		64742-58-1 Not Assigne 72623-86-0	d
Californi	a Permissible Expos	ur	e Limits for Chemical Contaminants		
	· · ·	DISTILLATES (PETROLEUM), HYDROTREATED HEAVY 64742-54-7			
	PARAFFINIC DISTILLATES (PETROLEUM), HYDROTREATED HEAVY 64742-54-7 PARAFFINIC				
The com	ponents of this prod	uc	at are reported in the following invent	ories:	
TCSI		:	On the inventory, or in compliance with	the inventory	
TSCA		:	All substances listed as active on the T	SCA inventor	у
AIIC		:	Not in compliance with the inventory		
DSL		:	All components of this product are on t	he Canadian I	DSL
ENCS		:	On the inventory, or in compliance with	the inventory	
KECI		:	On the inventory, or in compliance with	the inventory	
PICCS		:	Not in compliance with the inventory		
IECSC		:	On the inventory, or in compliance with	the inventory	
NZIoC		:	On the inventory, or in compliance with	the inventory	

#### **TSCA** list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

### Inventories

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



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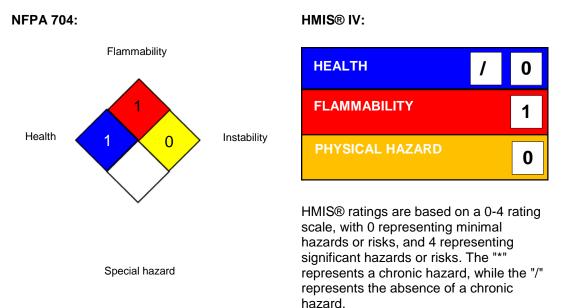
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### **SECTION 16. OTHER INFORMATION**





#### Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1
		Limits for Air Contaminants
ACGIH / TWA	:	8-hour, time-weighted average
OSHA Z-1 / TWA	:	8-hour time weighted average

AllC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 -



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Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA -National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIOC - New Zealand Inventory of Chemicals; OECD -Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

US / EN

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