

Valvoline™ DAILY PROTECTION SAE 10W-30 Motor Oil

Version: 2.0	Revision Date: 06/12/2023	Print Date: 06/21/2023
SECTION 1. IDENTIFICATION		
Product name	: Valvoline™ DAILY PROTECTION SAE 10W-3 Motor Oil	0
Product code	: 797578	
Manufacturer or supplier's	details	
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	hemical 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 - < 1.5

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 firefighti 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

:	No personal respiratory protective equipment normally required.
:	Safety glasses
:	Protective suit
:	General industrial hygiene practice.
	:

# SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:liquidOdour:No data availableOdour Threshold:No data available



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рН	:	No data available	
Melting point/freezing point	:	No data available	
Boiling point/boiling range	:	No data available	
Flash point	:	394 - 480 °F / 201 - 249 °C	
		Method: Cleveland open cup	
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	
Lower explosion limit / Lower flammability limit	:	No data available	
Vapour pressure	:	0.0133333 hPa (70.00 °F / 21.11 °C) Calculated Vapor Pressure	
Relative vapour density	:	No data available	
Relative density	:	0.868 (60.01 °F / 15.56 °C)	
Density	:	0.868 g/cm3	
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	:	70 mm2/s (104 °F / 40 °C)	



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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		ble under recommended storage conditions. nazards to be specially mentioned.		
Conditions to avoid	: exce	essive heat		
Incompatible materials	: Stro	ng oxidizing agents		
Hazardous decomposition products	: No I	nazardous decomposition products are known.		

### SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Not classified based on available information.

#### Components:

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

Acute oral toxicity	:	LD50 (Rat): > 15 g/kg	

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

Acute oral toxicity	: LD50 (Rat): > 15 g/kg
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### Skin corrosion/irritation

Not classified based on available information.

#### Components:

# DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:

Assessment	:	Slight, transient irritation
Result	:	Slight, transient irritation

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



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Assessment Result	: Slight, transient : Slight, transient	

#### HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

Assessment	:	Slight, transient irritation
Result	:	Slight, transient irritation

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Components:

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

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Result	:	No eye irritation
Assessment	:	No eye irritation

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

Result	:	No eye irritation
Assessment	:	No eye irritation

#### HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

Result	:	Slight, transient irritation
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



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ersion: 2.0	Revision Date: 06/12/2023	Print Date: 06/21/2023	
Assessment	(EC) 1272/2008, Annex VI, Part 3, Note L)		
HYDROTREA	TED LIGHT PARAFFINIC DISTILLATE:		
Carcinogenicit Assessment	ty - : Classified based on DMSO extract content < 3% (EC) 1272/2008, Annex VI, Part 3, Note L)	(Regulation	
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 Not classified	e toxicity based on available information.		
STOT - single Not classified	e exposure based on available information.		
	<b>ted exposure</b> based on available information.		
Aspiration to			
<u>Components</u>	<u>.</u>		
	6 (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: toxicity classification		
HYDROTREA	TED LIGHT PARAFFINIC DISTILLATE:		
May be fatal if	swallowed and enters airways.		
Further inform	mation		
<u>Product:</u> Remarks	: No data available		



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# 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	I), H	IYDROTREATED 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
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (Aquatic invertebrates): 10 mg/l

### **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 PARAFFINIC DISTILLATE:

Ecotoxicology Assessm	ent
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Acute aquatic toxicity :	Not classified based on available information.
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rsion: 2.0	Re	evision Date: 06/12/2023	Print Dat 06/21/202
Chronic aquatic toxicity	:	Not classified based on available information.	
Persistence and degradabi	lity		
No data available			
Bioaccumulative potential			
Components:			
DISTILLATES (PETROLEUI	M), H	IYDROTREATED HEAVY PARAFFINIC:	
Partition coefficient: n- octanol/water	:	log Pow: Expected > 7	
Mobility in soil			
No data available			
Other adverse effects			
Product:			
Ozone-Depletion Potential	:	Regulation: 40 CFR Protection of Environment; Pa Protection of Stratospheric Ozone - CAA Section Substances Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as de U.S. Clean Air Act Section 602 (40 CFR 82, Subp B).	602 Class I efined by the
Additional ecological information	:	No data available	

# 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



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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

SARA 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.



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ersion: 2.0	Revision Date: 06/12/2023		Print Date 06/21/2023
This prod 307	duct does not contain any toxic pollutants listed under the U.S	. Clean Water Ac	ct Section
This prod	duct does not contain any priority pollutants related to the U.S	. Clean Water Ac	ct
US State	Regulations		
Massach	nusetts Right To Know		
	Lubricating oils (petroleum), hydrotreated HYDROTREATED LIGHT PARAFFINIC DISTILLATE	64742-58-1 64742-55-8	
Pennsylv	vania 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 Assigne	d
	HYDROTREATED LIGHT PARAFFINIC DISTILLATE DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC (<3 % DMSO EXTRACT)	64742-55-8 64742-65-0	
Maine Cl	hemicals of High Concern		
	Lubricating oils (petroleum), hydrotreated PROPRIETARY OF LUBRIZOL 7065C Lubricating oils (petroleum), C15-30, hydrotreated neutral o based	64742-58-1 Not Assigne il- 72623-86-0	d
Vermont	Chemicals of High Concern		
	Lubricating oils (petroleum), hydrotreated PROPRIETARY OF LUBRIZOL 7065C Lubricating oils (petroleum), C15-30, hydrotreated neutral o based	64742-58-1 Not Assigne il- 72623-86-0	d
Washing	ton Chemicals of High Concern		
	Lubricating oils (petroleum), hydrotreated PROPRIETARY OF LUBRIZOL 7065C Lubricating oils (petroleum), C15-30, hydrotreated neutral o based	64742-58-1 Not Assigne il- 72623-86-0	d
Californi	a List of Hazardous Substances		
	DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7 64742-54-7	
Californi	a Permissible Exposure Limits for Chemical Contaminan	ts	
-	DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	
	DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	



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The compo	nents of this produc	t are reported in the following inventorie	s:
TCSI	:	On the inventory, or in compliance with the	inventory
TSCA	:	All substances listed as active on the TSC/	A inventory
AIIC	:	Not in compliance with the inventory	
DSL	:	All components of this product are on the C	Canadian 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	:	Not 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)

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

#### Further information

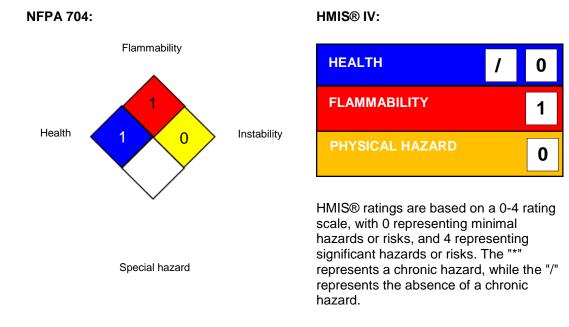


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# Full text of other abbreviations

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

AIIC - 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 -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;



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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.

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