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## 29 CFR 1910.1200 (OSHA HazCom 2012)

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

## **Product identifier**

Trade name

: NAPA® PREMIUM PERFORMANCE AUTOMATIC TRANSMISSION FLUID

## Recommended use of the chemical and restrictions on use

Details of the supplier of the safety data sheet	Emergency telephone number 1-800-VALVOLINE
Valvoline LLC 3499 Blazer Parkway Lexington, KY 40509	<b>Regulatory Information Number</b> 1-800-TEAMVAL
United States of America	Product Information 1-800-TEAMVAL
SDS@valvoline.com	

## **SECTION 2. HAZARDS IDENTIFICATION**

## **GHS Classification**

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

## GHS Label element

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

## Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Defat
-------------------------

## Hazardous components

Chemical Name	CAS-No.	Classification	Concentration (%)
HYDROTREATED LIGHT PARAFFINIC DISTILLATE	64742-55-8	Asp. Tox. 1; H304	11.82

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MINERAL OIL	Not a hazardous substance or mixture.	5.00
METHACRYLATE COPOLYMER	Eye Irrit. 2A; H319	1.66
ALKOXYLATED LONG-CHAIN ALKYL AMINE	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 3; H402 Aquatic Chronic 3; H412	0.40

## SECTION 4. FIRST AID MEASURES

General advice	: N	No hazards which require special first aid measures.
If inhaled	lf a	f breathed in, move person into fresh air. f unconscious place in recovery position and seek medical advice. f symptoms persist, call a physician.
In case of skin contact	r	First aid is not normally required. However, it is ecommended that exposed areas be cleaned by washing with soap and water.
In case of eye contact		Remove contact lenses. Protect unharmed eye.
If swallowed	Ν	Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. f symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	p a	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 ong-term sequelae. Repeated aspiration of small quantities

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	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.
	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)
Notes to physician	: No hazards which require special first aid measures.

## 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
Specific hazards during firefighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	:	carbon dioxide and carbon monoxide Hydrocarbons
Specific extinguishing methods	:	
		Product is compatible with standard fire-fighting agents.
Further information	:	Standard procedure for chemical fires.
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions,	:	Persons not wearing protective equipment should be excluded
protective equipment and		from area of spill until clean-up has been completed.
emergency procedures		

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Environmental precautions	:	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.
Other information	:	Comply with all applicable federal, state, and local regulations.

## SECTION 7. HANDLING AND STORAGE

Advice on safe handling	<ul> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>For personal protection see section 8.</li> </ul>
Conditions for safe storage	: Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	: No materials to be especially mentioned.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
HYDROTREATED LIGHT PARAFFINIC DISTILLATE	64742-55-8	REL	5 mg/m3 Mist.	NIOSH/GUID E
		STEL	10 mg/m3 Mist.	NIOSH/GUID E
		PEL	5 mg/m3 Mist.	OSHA_TRA NS
MINERAL OIL		REL	5 mg/m3 Mist.	NIOSH/GUID E
		STEL	10 mg/m3 Mist.	NIOSH/GUID E
		PEL	5 mg/m3 Mist.	OSHA_TRA NS
		TWA	5 mg/m3 Mist.	TN OEL
		TWA	5 mg/m3 Inhalable fraction.	ACGIH

Engineering measures

: General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions

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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.

Personal protective equipmen	t
Respiratory protection	: No personal respiratory protective equipment normally required.
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	<ul> <li>Wear as appropriate: Safety shoes</li> <li>Wear resistant gloves (consult your safety equipment supplier).</li> </ul>
Hygiene measures	: General industrial hygiene practice.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: liquid
Colour	: red
Odour	: hydrocarbon-like
Odour Threshold	: No data available
рН	: No data available
	: No data available
	: No data available
Flash point	: > 390 °F / > 199 °C Method: Cleveland open cup
Evaporation rate	: > 1 Ethyl Ether
Flammability (solid, gas)	: No data available
Upper explosion limit	: 6 %(V) GLP: Calculated Explosive Limit
Lower explosion limit	: 1 %(V)



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GLP: Calculated Explosive Limit

Vapour pressure	: 0.0133333 hPa (21.11 °C) Calculated Vapor Pressure
Relative vapour density	: No data available
Relative density	: 7.29 (15.6 °C)
Density	: 0.862 g/cm3 (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
Thermal decomposition	: No data available
Viscosity Viscosity, dynamic	: No data available
Viscosity, kinematic	: ca. 43 mm2/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	: Strong oxidizing agents
Hazardous decomposition products	carbon dioxide and carbon monoxide Hydrocarbons

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## SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of	:	Inhalation
exposure		Skin contact
		Eye Contact
		Ingestion

## Acute toxicity

Not classified based on available information. <u>Components:</u> ALKOXYLATED LONG-CHAIN ALKYL AMINE: Acute oral toxicity : Accomponent: The component/mix

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

## Skin corrosion/irritation

Not classified based on available information. <u>Product:</u> Result: Repeated exposure may cause skin dryness or cracking.

## Components:

HYDROTREATED LIGHT PARAFFINIC DISTILLATE: Result: Mildly irritating to skin

MINERAL OIL: Result: Mildly irritating to skin

METHACRYLATE COPOLYMER: Result: Not irritating to skin

ALKOXYLATED LONG-CHAIN ALKYL AMINE: Result: Corrosive to skin

Serious eye damage/eye irritation

Not classified based on available information. <u>Product:</u> Remarks: Unlikely to cause eye irritation or injury.

## Components:

HYDROTREATED LIGHT PARAFFINIC DISTILLATE: Result: Mildly irritating to eyes

MINERAL OIL: Result: Mildly irritating to eyes

METHACRYLATE COPOLYMER: Result: Irritating to eyes

ALKOXYLATED LONG-CHAIN ALKYL AMINE: Result: Corrosive to eyes

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## Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information. Respiratory sensitisation: Not classified based on available information. **Product:** Assessment: Does not cause skin sensitisation.

## Components:

ALKOXYLATED LONG-CHAIN ALKYL AMINE: Assessment: May cause sensitization by skin contact.

## Germ cell mutagenicity

Not classified based on available information. **Carcinogenicity** Not classified based on available information. **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. **Aspiration toxicity** Not classified based on available information. **Product:** No aspiration toxicity classification

## Components:

HYDROTREATED LIGHT PARAFFINIC DISTILLATE: May be fatal if swallowed and enters airways.

Further information

#### Product: Remarks: No data avai

Remarks: No data available

## Carcinogenicity:

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 identified as a carcinogen or potential carcinogen by OSHA.
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.

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## **SECTION 12. ECOLOGICAL INFORMATION**

Ecotoxicity ALKOXYLATED LONG-CHAII Ecotoxicology Assessment Acute aquatic toxicity	N ALKYL AMINE:
Chronic aquatic toxicity	
<b>Persistence and degradabili</b> No data available	ty
<b>Bioaccumulative potential</b> No data available	
<b>Mobility in soil</b> No data available	
Other adverse effects No data available	
Product: Additional ecological information	: No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
General advice	: Dispose of in accordance with all applicable local, state and federal regulations.
Contaminated packaging	: Empty remaining contents.

## SECTION 14. TRANSPORT INFORMATION

## International transport regulations

## REGULATION

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

## U.S. DOT - ROAD

Not dangerous goods
---------------------

## CFR\_RAIL\_C

Not dangerous goods

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## U.S. DOT - INLAND WATERWAYS

Not dangerous goods

## TDG\_ROAD\_C

Not dangerous goods

## TDG\_RAIL\_C

Not dangerous goods

## TDG\_INWT\_C

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

## MX\_DG

Not dangerous goods

## \*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Marine pollutant

no

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**

SARA 311/312 Hazards : No SARA Hazards

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SARA 313 Component(s)SAR/	A 313 known CAS numbers	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.			
Pennsylvania Right HE/	t <b>To Know</b> AVY PARAFFINIC DISTILLATE	64742-54-7	90.00 - 100.00 %		
	DROTREATED LIGHT PARAFFINIC TILLATE	64742-55-8	10.00 - 20.00 %		
MIN	IERAL OIL	Not Assigned	5.00 - 10.00 %		
	TOMATIC TRANSMISSION FLUID DITIVE	Not Assigned	1.00 - 5.00 %		
New Jersey Right T HE/	<b>OKNOW</b> AVY PARAFFINIC DISTILLATE	64742-54-7	90.00 - 100.00 %		
	DROTREATED LIGHT PARAFFINIC TILLATE	64742-55-8	10.00 - 20.00 %		
MIN	IERAL OIL	Not Assigned	5.00 - 10.00 %		
	TOMATIC TRANSMISSION FLUID DITIVE	Not Assigned	1.00 - 5.00 %		
ME	THACRYLATE COPOLYMER	Not Assigned	1.00 - 5.00 %		
California Prop 65 The components of TSCA	Proposition 65 warnin based on the results of this product are reported in the f : On TSCA Inventory		his product		
DSL	: All components of this	product are on the Car	nadian DSL.		
AUSTR	: On the inventory, or in	compliance with the in	ventory		
ENCS	: On the inventory, or in	compliance with the in	ventory		
KECL	: On the inventory, or in	compliance with the in	ventory		
PICCS	: On the inventory, or in	compliance with the in	ventory		

## Inventories

IECSC

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

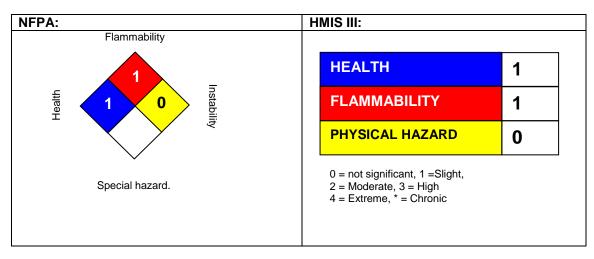
: On the inventory, or in compliance with the inventory

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## SECTION 16. OTHER INFORMATION

## Further information

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## NFPA Flammable and Combustible Liquids Classification Combustible Liquid Class IIIB

## Full text of H-Statements referred to under sections 2 and

Full text of H-S	tatements referred to under sections 2 and 3.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H402	Harmful to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

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.

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 (1-800-825-8654).

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

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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

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

CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act DOT : Department of Transportation

FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act

HMIRC : Hazardous Materials Information Review Commission

HMIS : Hazardous Materials Identification System

NFPA : National Fire Protection Association

NIOSH : National Institute for Occupational Safety and Health

OSHA : Occupational Safety and Health Administration

PMRA : Health Canada Pest Management Regulatory Agency

RTK : Right to Know

WHMIS : Workplace Hazardous Materials Information System