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| <b>SAFETY DATA SHEET</b>                                                         | Revision Date: 09/28/2016 |
|                                                                                  | Print Date: 11/1/2016     |
|                                                                                  | SDS Number: R0170829      |
| PREMIUM CONVENTIONAL SAE 10W-30 MOTOR OIL<br>797578                              | Version: 1.2              |

29 CFR 1910.1200 (OSHA HazCom 2012)

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

Trade name : PREMIUM CONVENTIONAL SAE 10W-30  
MOTOR OIL

### Relevant identified uses of the substance or mixture and uses advised against

|                                                                                                                                                                           |                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Details of the supplier of the safety data sheet</b><br>Valvoline LLC<br>3499 Blazer Parkway<br>Lexington, KY 40509<br>United States of America (USA)<br>1-800-TEAMVAL | <b>Emergency telephone number</b><br>1-800-VALVOLINE<br><br><b>Regulatory Information Number</b><br>1-800-TEAMVAL<br><br><b>Product Information</b><br>1-800-TEAMVAL |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

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

### GHS label elements

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

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

| Chemical name                                            | CAS-No.    | Classification      | Concentration (%) |
|----------------------------------------------------------|------------|---------------------|-------------------|
| Benzenesulfonic acid, C10-60-alkyl derivs., sodium salts | 90194-32-4 | Eye Irrit. 2A; H319 | 6.225             |
| HYDROTREATED LIGHT PARAFFINIC DISTILLATE                 | 64742-55-8 | Asp. Tox. 1; H304   | 2.8117            |

## SECTION 4. FIRST AID MEASURES

|                                                                                  |                           |
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|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice                                              | : No hazards which require special first aid measures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| If inhaled                                                  | : If breathed in, move person into fresh air.<br>If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| In case of skin contact                                     | : First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| In case of eye contact                                      | : Remove contact lenses.<br>Protect unharmed eye.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| If swallowed                                                | : Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Most important symptoms and effects, both acute and delayed | : 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 long-term sequelae. Repeated aspiration of small quantities 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.<br><br>Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:<br>stomach or intestinal upset (nausea, vomiting, diarrhea)<br>irritation (nose, throat, airways) |
| 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.<br>Water spray<br>Foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical |
| Specific hazards during firefighting | : Do not allow run-off from fire fighting to enter drains or water courses.                                                                                                           |

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Hazardous combustion products : carbon dioxide and carbon monoxide  
Hydrocarbons

Specific extinguishing methods : Product is compatible with standard fire-fighting agents.

Product is compatible with standard fire-fighting agents.

Further information : Standard procedure for chemical fires.

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, protective equipment and emergency procedures : 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.

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 : Smoking, eating and drinking should be prohibited in the application area.  
For personal protection see section 8.

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<br>(Form of exposure) | Control parameters /<br>Permissible concentration | Basis |
|------------|---------|----------------------------------|---------------------------------------------------|-------|
|            |         |                                  |                                                   |       |

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|                                             |            |     |                               |           |
|---------------------------------------------|------------|-----|-------------------------------|-----------|
| HYDROTREATED LIGHT<br>PARAFFINIC DISTILLATE | 64742-55-8 | TWA | 5 mg/m3<br>Mist               | OSHA Z-1  |
|                                             |            | TWA | 5 mg/m3<br>Inhalable fraction | ACGIH     |
|                                             |            | TWA | 5 mg/m3<br>Mist               | OSHA P0   |
|                                             |            | TWA | 5 mg/m3<br>Mist               | NIOSH REL |
|                                             |            | ST  | 10 mg/m3<br>Mist              | NIOSH REL |
|                                             |            | PEL | 5 mg/m3<br>particulate        | CAL PEL   |

**Hazardous components without workplace control parameters**

| Components                                               | CAS-No.    |
|----------------------------------------------------------|------------|
| Benzenesulfonic acid, C10-60-alkyl derivs., sodium salts | 90194-32-4 |

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

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 : Wear as appropriate:  
Safety shoes  
Wear resistant gloves (consult your safety equipment supplier).

Hygiene measures : General industrial hygiene practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state : liquid

Odour : No data available

Odour Threshold : No data available

pH : No data available

|                                                                                  |                           |
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Melting point/freezing point : No data available  
 Boiling point/boiling range : No data available  
 Flash point : > 199 °C  
 Method: Cleveland open cup  
 Evaporation rate : No data available  
 Flammability (solid, gas) : No data available  
 Upper explosion limit : No data available  
 Lower explosion limit : No data available  
 Vapour pressure : 0.0133333 hPa (21.11 °C)  
 Calculated Vapor Pressure  
 Relative vapour density : No data available  
 Relative density : No data available  
 Density : 0.8686 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 : 70 mm2/s (40 °C)  
 Oxidizing properties : No data available

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## SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.  
 Chemical stability : Stable under recommended storage conditions.

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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

## SECTION 11. TOXICOLOGICAL INFORMATION

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

### Acute toxicity

Not classified based on available information.

### Skin corrosion/irritation

Not classified based on available information.

### Components:

Benzenesulfonic acid, C10-60-alkyl derivs., sodium salts:  
Result: No skin irritation

### HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

Result: Slight, transient irritation

### Serious eye damage/eye irritation

Not classified based on available information.

### Product:

Remarks: Unlikely to cause eye irritation or injury.

### Components:

Benzenesulfonic acid, C10-60-alkyl derivs., sodium salts:  
Result: Irritating to eyes.

### HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

Result: 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.

### Reproductive toxicity

Not classified based on available information.

### STOT - single exposure

|                                                                                  |                           |
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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 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.

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**Product:**

Additional ecological information : No data available

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## 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.

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## SECTION 14. TRANSPORT INFORMATION

**International transport regulations**

|                                                                                  |  |                           |
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#### REGULATION

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

#### U.S. DOT - ROAD

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

#### CFR\_RAIL\_C

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

#### 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 |
|------------------|----|

|                                                                                  |                           |
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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.

## SECTION 15. REGULATORY INFORMATION

**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.

**California Prop 65** WARNING! This product contains a chemical known to the State of California to cause cancer.  
NAPHTHALENE 91-20-3

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

TSCA : On TSCA Inventory

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

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

ENCS : Contact your sales representative for additional information.

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

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

IECSC : Low volume exemption

IECSC : q (quantity restricted)

**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)

## SECTION 16. OTHER INFORMATION

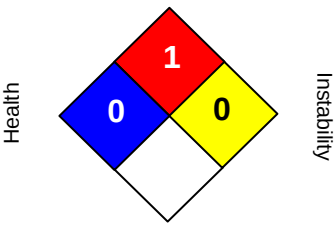
**Further information**

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|              |                  |
|--------------|------------------|
| <b>NFPA:</b> | <b>HMIS III:</b> |
|--------------|------------------|

|                                                                                  |                           |
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Flammability



Health

Instability

Special hazard.

|                        |          |
|------------------------|----------|
| <b>HEALTH</b>          | <b>0</b> |
| <b>FLAMMABILITY</b>    | <b>1</b> |
| <b>PHYSICAL HAZARD</b> | <b>0</b> |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

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

#### Full text of H-Statements

H304 May be fatal if swallowed and enters airways.  
H319 Causes serious eye irritation.

#### 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-VALVOLINE).

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

ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"

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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