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|-----------------------------------------------------------------------------------|--|---------------------------|
|  |  | Page: 1                   |
| <b>SAFETY DATA SHEET</b>                                                          |  | Revision Date: 07/31/2016 |
|                                                                                   |  | Print Date: 9/27/2016     |
|                                                                                   |  | SDS Number: R0171982      |
| NAPA® PREMIUM CONVENTIONAL SAE 20W-50<br>MOTOR OIL<br><br>NP75140                 |  | Version: 1.1              |

29 CFR 1910.1200 (OSHA HazCom 2012)

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

Trade name : NAPA® PREMIUM CONVENTIONAL SAE 20W-50  
MOTOR OIL

### Recommended use of the chemical and restrictions on use

|                                                                                                                                                                                 |                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Details of the supplier of the safety data sheet</b><br><br>Valvoline LLC<br>3499 Blazer Parkway<br>Lexington, KY 40509<br>United States of America<br><br>SDS@valvoline.com | <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 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

Substance / Mixture : Mixture

Chemical nature : Defatter

### Hazardous components

| Chemical Name                                            | CAS-No.    | Classification      | Concentration (%) |
|----------------------------------------------------------|------------|---------------------|-------------------|
| Benzenesulfonic acid, C10-60-alkyl derivs., sodium salts | 90194-32-4 | Eye Irrit. 2A; H319 | 6.22              |

|                                                                                   |  |                           |
|-----------------------------------------------------------------------------------|--|---------------------------|
|  |  | Page: 2                   |
| <b>SAFETY DATA SHEET</b>                                                          |  | Revision Date: 07/31/2016 |
|                                                                                   |  | Print Date: 9/27/2016     |
|                                                                                   |  | SDS Number: R0171982      |
| NAPA® PREMIUM CONVENTIONAL SAE 20W-50<br>MOTOR OIL<br><br>NP75140                 |  | Version: 1.1              |

|  |  |  |  |
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#### SECTION 4. FIRST AID MEASURES

|                                                             |                                                                                                                                                               |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | : No symptoms known or expected.                                                                                                                              |
| 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.<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.                                                                                                           |
| Hazardous combustion products        | : carbon dioxide and carbon monoxide<br>Hydrocarbons                                                                                                                                  |
| Specific extinguishing methods       | :                                                                                                                                                                                     |

Product is compatible with standard fire-fighting agents.

|                                                                                   |  |                           |
|-----------------------------------------------------------------------------------|--|---------------------------|
|  |  | Page: 3                   |
| <b>SAFETY DATA SHEET</b>                                                          |  | Revision Date: 07/31/2016 |
|                                                                                   |  | Print Date: 9/27/2016     |
|                                                                                   |  | SDS Number: R0171982      |
| NAPA® PREMIUM CONVENTIONAL SAE 20W-50<br>MOTOR OIL<br><br>NP75140                 |  | Version: 1.1              |

Further information : Standard procedure for chemical fires.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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## 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.

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## 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.

Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : No materials to be especially mentioned.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

**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.

|                                                                                   |  |                           |
|-----------------------------------------------------------------------------------|--|---------------------------|
|  |  | Page: 4                   |
| <b>SAFETY DATA SHEET</b>                                                          |  | Revision Date: 07/31/2016 |
|                                                                                   |  | Print Date: 9/27/2016     |
|                                                                                   |  | SDS Number: R0171982      |
| NAPA® PREMIUM CONVENTIONAL SAE 20W-50<br>MOTOR OIL<br><br>NP75140                 |  | Version: 1.1              |

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.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : liquid

Colour : amber

Odour : hydrocarbon-like

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 : > 390 °F / > 199 °C  
 Method: Cleveland open cup

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit : 6 %(V)  
 Calculated Explosive Limit

Lower explosion limit : 1 %(V)  
 Calculated Explosive Limit

Vapour pressure : 0.0133333 hPa (21.11 °C)  
 Calculated Vapor Pressure

Relative vapour density : No data available

Relative density : No data available

Density : 0.8834 g/cm<sup>3</sup> (15.56 °C)

Solubility(ies)



|                                                                                   |                           |
|-----------------------------------------------------------------------------------|---------------------------|
|  | Page: 6                   |
| SAFETY DATA SHEET                                                                 | Revision Date: 07/31/2016 |
|                                                                                   | Print Date: 9/27/2016     |
|                                                                                   | SDS Number: R0171982      |
| NAPA® PREMIUM CONVENTIONAL SAE 20W-50<br>MOTOR OIL<br><br>NP75140                 | Version: 1.1              |

**Components:**

Benzenesulfonic acid, C10-60-alkyl derivs., sodium salts:

Result: Not irritating to skin

**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

**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**

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

**Further information**

**Product:**

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.

|                                                                                   |  |                           |
|-----------------------------------------------------------------------------------|--|---------------------------|
|  |  | Page: 7                   |
| SAFETY DATA SHEET                                                                 |  | Revision Date: 07/31/2016 |
|                                                                                   |  | Print Date: 9/27/2016     |
|                                                                                   |  | SDS Number: R0171982      |
| NAPA® PREMIUM CONVENTIONAL SAE 20W-50<br>MOTOR OIL<br><br>NP75140                 |  | Version: 1.1              |

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### 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

## 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 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 |
|                     |

|                                                                                   |  |                           |
|-----------------------------------------------------------------------------------|--|---------------------------|
|  |  | Page: 8                   |
| <b>SAFETY DATA SHEET</b>                                                          |  | Revision Date: 07/31/2016 |
|                                                                                   |  | Print Date: 9/27/2016     |
|                                                                                   |  | SDS Number: R0171982      |
| NAPA® PREMIUM CONVENTIONAL SAE 20W-50 MOTOR OIL                                   |  | Version: 1.1              |
| NP75140                                                                           |  |                           |

**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.

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**SECTION 15. REGULATORY INFORMATION**

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 313 Component(s)** : 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 To Know**

|                                                                                   |                           |
|-----------------------------------------------------------------------------------|---------------------------|
|  | Page: 9                   |
| <b>SAFETY DATA SHEET</b>                                                          | Revision Date: 07/31/2016 |
|                                                                                   | Print Date: 9/27/2016     |
|                                                                                   | SDS Number: R0171982      |
| NAPA® PREMIUM CONVENTIONAL SAE 20W-50<br>MOTOR OIL<br><br>NP75140                 | Version: 1.1              |

|                                                             |            |                     |
|-------------------------------------------------------------|------------|---------------------|
| HEAVY PARAFFINIC DISTILLATE                                 | 64742-54-7 | 90.00 -<br>100.00 % |
| Benzenesulfonic acid, C10-60-alkyl derivs.,<br>sodium salts | 90194-32-4 | 5.00 - 10.00 %      |

**New Jersey Right To Know**

|                                                             |              |                     |
|-------------------------------------------------------------|--------------|---------------------|
| HEAVY PARAFFINIC DISTILLATE                                 | 64742-54-7   | 90.00 -<br>100.00 % |
| Benzenesulfonic acid, C10-60-alkyl derivs.,<br>sodium salts | 90194-32-4   | 5.00 - 10.00 %      |
| POLYOLEFIN AMIDE ALKENEAMINE                                | Not Assigned | 1.00 - 5.00 %       |
| LUBRICANT ADDITIVE                                          | Not Assigned | 1.00 - 5.00 %       |

**California Prop 65**

Proposition 65 warnings are not required for this product based on the results of a risk assessment.

**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. |
| AUSTR | : On the inventory, or in compliance with the inventory   |
| ENCS  | : q (quantity restricted)                                 |
| KECL  | : On the inventory, or in compliance with the inventory   |
| PICCS | : On the inventory, or in compliance with the inventory   |
| IECSC | : q (quantity restricted)                                 |

**Inventories**

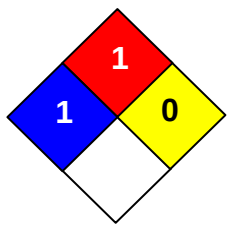
AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

|                                                                                   |                           |
|-----------------------------------------------------------------------------------|---------------------------|
|  | Page: 10                  |
| <b>SAFETY DATA SHEET</b>                                                          | Revision Date: 07/31/2016 |
|                                                                                   | Print Date: 9/27/2016     |
|                                                                                   | SDS Number: R0171982      |
| NAPA® PREMIUM CONVENTIONAL SAE 20W-50 MOTOR OIL<br><br>NP75140                    | Version: 1.1              |

## SECTION 16. OTHER INFORMATION

### Further information

Revision Date: 07/31/2016

| NFPA:                                                                                                                                                                                                                                                                                                                                                                                                                                                   | HMIS III:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |          |                     |          |                        |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|---------------------|----------|------------------------|----------|
| <p style="text-align: center;">Flammability</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 10px;">Health</div>  <div style="writing-mode: vertical-rl; margin-left: 10px;">Instability</div> </div> <p style="text-align: center;">Special hazard.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: blue; color: white; text-align: center;"><b>HEALTH</b></td><td style="text-align: center;"><b>1</b></td></tr> <tr> <td style="background-color: red; color: white; text-align: center;"><b>FLAMMABILITY</b></td><td style="text-align: center;"><b>1</b></td></tr> <tr> <td style="background-color: yellow; text-align: center;"><b>PHYSICAL HAZARD</b></td><td style="text-align: center;"><b>0</b></td></tr> </table> <p>0 = not significant, 1 = Slight,<br/>2 = Moderate, 3 = High<br/>4 = Extreme, * = Chronic</p> | <b>HEALTH</b> | <b>1</b> | <b>FLAMMABILITY</b> | <b>1</b> | <b>PHYSICAL HAZARD</b> | <b>0</b> |
| <b>HEALTH</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |          |                     |          |                        |          |
| <b>FLAMMABILITY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |          |                     |          |                        |          |
| <b>PHYSICAL HAZARD</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>0</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |          |                     |          |                        |          |

### NFPA Flammable and Combustible Liquids Classification

Combustible Liquid Class IIIB

### Full text of H-Statements referred to under sections 2 and 3.

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 (1-800-825-8654).

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

|                                                                                  |  |                           |
|----------------------------------------------------------------------------------|--|---------------------------|
|  |  | Page: 11                  |
| <b>SAFETY DATA SHEET</b>                                                         |  | Revision Date: 07/31/2016 |
|                                                                                  |  | Print Date: 9/27/2016     |
|                                                                                  |  | SDS Number: R0171982      |
| NAPA® PREMIUM CONVENTIONAL SAE 20W-50<br>MOTOR OIL<br><br>NP75140                |  | Version: 1.1              |

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