

	Page: 1
SAFETY DATA SHEET	Revision Date: 07/31/2016
	Print Date: 8/17/2016
	MSDS Number: R0366793
NAPA® 1740-5 SAE 5W-20 MOTOR OIL 794191	Version: 4.24

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Valvoline LLC	Regulatory Information Number	1-800-TEAMVAL
3499 Blazer Parkway	Telephone	1-800-TEAMVAL
Lexington, KY 40509	Emergency telephone number	1-800-825-8654

Product name NAPA® 1740-5 SAE 5W-20 MOTOR OIL

Product code 794191
 Product Use Description MOTOR OIL

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid

CAUTION! PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.

Potential Health Effects

Exposure routes

Inhalation, Skin contact, Eye Contact, Ingestion

Eye contact

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

Skin contact

May cause slight skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns.

Ingestion

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

Inhalation

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

Aggravated Medical Condition

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, lung (for example, asthma-like conditions)

	Page: 2
SAFETY DATA SHEET	Revision Date: 07/31/2016
	Print Date: 8/17/2016
	MSDS Number: R0366793
NAPA® 1740-5 SAE 5W-20 MOTOR OIL 794191	Version: 4.24

Symptoms

No symptoms known or expected.

Target Organs

No data.

Carcinogenicity

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

Reproductive hazard

Based on the available information, risk to the fetus from maternal exposure to this material cannot be assessed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS-No. / Trade Secret No.	Concentration
Benzenesulfonic acid, C10-60-alkyl derivs., sodium salts	90194-32-4	>=5-<10%

4. FIRST AID MEASURES

General Information

No hazards which require special first aid measures.

Eyes

Remove contact lenses. Protect unharmed eye.

Skin

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

Ingestion

Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Inhalation

If breathed in, move person into fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

Notes to physician

Hazards: No information available.

		Page: 3
SAFETY DATA SHEET		Revision Date: 07/31/2016
		Print Date: 8/17/2016
		MSDS Number: R0366793
NAPA® 1740-5 SAE 5W-20 MOTOR OIL 794191		Version: 4.24

Treatment: No hazards which require special first aid measures.

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

Hazardous combustion products

carbon dioxide and carbon monoxide, Hydrocarbons

Precautions for fire-fighting

Do not allow run-off from fire fighting to enter drains or water courses. In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

NFPA Flammable and Combustible Liquids Classification

Combustible Liquid Class IIIB

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see section 8. 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 for 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.

7. HANDLING AND STORAGE

Handling

Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Normal measures for preventive fire protection.

Storage

Electrical installations / working materials must comply with the technological safety standards. No decomposition if stored and applied as directed.

	Page: 4
SAFETY DATA SHEET	Revision Date: 07/31/2016
	Print Date: 8/17/2016
	MSDS Number: R0366793
NAPA® 1740-5 SAE 5W-20 MOTOR OIL 794191	Version: 4.24

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains no substances with occupational exposure limit values.

General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

General industrial hygiene practice.

Exposure controls

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.

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).

Respiratory protection

No personal respiratory protective equipment normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Odour	No data available
Boiling point/boiling range	/ No data available
pH	No data available
Flash point	> 390 °F / > 199 °C Cleveland open cup
Evaporation rate	No data available
Lower explosion limit/Upper explosion limit	1 %(V) / 6 %(V)
Vapour pressure	0.001 hPa @ 68 °F / 20 °C Calculated Vapor Pressure
Density	0.8620 g/cm ³ @ 60.01 °F / 15.56 °C
	7.19 lb/gal @ 60.00 °F / 15.56 °C
Water solubility	No data available

**SAFETY DATA SHEET**

Revision Date: 07/31/2016

Print Date: 8/17/2016

MSDS Number: R0366793

NAPA® 1740-5 SAE 5W-20 MOTOR OIL

Version: 4.24

794191

Solubility(ies)	No data available
Auto-ignition temperature	No data available
Viscosity, dynamic	No data available
Viscosity, kinematic	50 mm ² /s @ 40 °C
Decomposition temperature	No data available

10. STABILITY AND REACTIVITY**Stability**

Stable under recommended storage conditions.

Conditions to avoid

None known.

Incompatible products

Strong oxidizing agents

Hazardous decomposition products

No hazardous decomposition products are known.

Hazardous reactions

Product will not undergo hazardous polymerization.

Thermal decomposition

No data available

11. TOXICOLOGICAL INFORMATION

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

Product

Acute oral toxicity : No data available

Acute inhalation toxicity : No data available

Acute dermal toxicity : No data available

		Page: 6
SAFETY DATA SHEET		Revision Date: 07/31/2016
		Print Date: 8/17/2016
		MSDS Number: R0366793
NAPA® 1740-5 SAE 5W-20 MOTOR OIL 794191		Version: 4.24

Skin corrosion/irritation : No data available

Serious eye damage/eye irritation : Unlikely to cause eye irritation or injury.

Respiratory or skin sensitisation : No data available

Aspiration toxicity : No aspiration toxicity classification

Further information : No data available

Components:

No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

No data available

Components:

No data available

Persistence and degradability

Product:

No data available

Components:

No data available

Bioaccumulative potential

Product:

Partition coefficient: n-octanol/water : No data available

Components:

No data available

Mobility in soil

		Page: 7
SAFETY DATA SHEET		Revision Date: 07/31/2016
		Print Date: 8/17/2016
		MSDS Number: R0366793
NAPA® 1740-5 SAE 5W-20 MOTOR OIL 794191		Version: 4.24

Product:

No data available

Components:

No data available

Other adverse effects

Product:

Additional ecological information : No data available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Dispose of in accordance with all applicable local, state and federal regulations.
Empty remaining contents.

14. TRANSPORT INFORMATION

REGULATION

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

MX_DG

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

TDG_INWT_C

Not dangerous goods

TDG_RAIL_C

**SAFETY DATA SHEET**

Revision Date: 07/31/2016

Print Date: 8/17/2016

MSDS Number: R0366793

NAPA® 1740-5 SAE 5W-20 MOTOR OIL

Version: 4.24

794191

Not dangerous goods

TDG_ ROAD_ C

Not dangerous goods

U.S. DOT - INLAND WATERWAYS

Not dangerous goods

CFR_ RAIL_ C

Not dangerous goods

U.S. DOT - ROAD

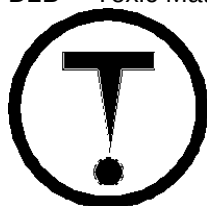
Not dangerous goods

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

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.

15. REGULATORY INFORMATION**WHMIS Classification**

D2B Toxic Material Causing Other Toxic Effects



WHMIS Ingredient Disclosure List IDL: No component is listed on the WHMIS ingredients disclosure list.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Canadian National Pollutant Release Inventory (NPRI) Canadian National Pollutant Release Inventory (NPRI):
No component is listed on NPRI.

Notification status

US. Toxic Substances Control Act

y (positive listing)

		Page: 9
SAFETY DATA SHEET		Revision Date: 07/31/2016
		Print Date: 8/17/2016
		MSDS Number: R0366793
NAPA® 1740-5 SAE 5W-20 MOTOR OIL		Version: 4.24
794191		

Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	y (positive listing)
Australia. Industrial Chemical (Notification and Assessment) Act	y (positive listing)
Japan. Kashin-Hou Law List	e (special case)
Korea. Toxic Chemical Control Law (TCCL) List	y (positive listing)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	y (positive listing)
China. Inventory of Existing Chemical Substances	q (quantity restricted)

	HMIS	NFPA
Health	1	1
Flammability	1	1
Physical hazards	0	
Instability		0
Specific Hazard	--	--

16. OTHER INFORMATION

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

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

		Page: 10
SAFETY DATA SHEET		Revision Date: 07/31/2016
		Print Date: 8/17/2016
		MSDS Number: R0366793
NAPA® 1740-5 SAE 5W-20 MOTOR OIL 794191		Version: 4.24

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