

# MATERIAL SAFETY DATA SHEET

VALVOLINE CUMMINS PVT. LTD.

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Date Issued: **March 01, 2014**

No: **059042010**

Valvoline Premium Blue 7800 Plus

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

**Product Name: Valvoline Premium Blue 7800 Plus**

Company  
**Valvoline Cummins Pvt. Ltd.**  
**278, Udyog Vihar, Phase - II**  
**Gurgaon – 122016**

Telephone Numbers  
**Emergency: 91-124 4721200**

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

S.No.	Name	CAS No.	Conc. % wt. (typical)	Classification
1.	Highly Refined Mineral Oils	64742- 54-7	74.0 – 84.0	IK *
2.	Lubricating Oil Additives	-	16.0 – 26.0	

*\* IK – No Classification required.*

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## 3. HAZARDS IDENTIFICATION

### Potential Health Effects

#### Eye

May cause mild eye irritation.

#### Skin

Prolonged or repeated contact may dry and crack the skin.

#### Swallowing

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

#### Inhalation

Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects.

#### Symptoms of Exposure

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).

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## Target Organ Effects

No data

## Developmental Information

There are no data available for assessing risk to the fetus from maternal exposure to this material.

## Cancer Information

Used motor oil has been shown to cause skin cancer in laboratory animals continually exposed by repeated applications. Avoid prolonged or repeated skin contact.

## Other Health Effects

No data

## Primary Route(s) of Entry

Inhalation, Skin contact, Eye contact, Ingestion.

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## 4. FIRST AID MEASURES

### Eyes

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

### Skin

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

### Swallowing

First aid is not normally required. If symptoms develop, seek medical attention.

### Inhalation

First aid is not normally required. If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention.

### Note to Physicians

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin.

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## 5. FIRE FIGHTING MEASURES

### Flash Point

224°C, COC

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## **Explosive Limit**

No data

## **Autoignition Temperature**

No data

## **Hazardous Products of Combustion**

May formaldehydes, alkyl mercaptans, calcium oxide, carbon dioxide and carbon monoxide, hydrogen sulfide, sulfur oxides, various hydrocarbons.

## **Fire and Explosion Hazards**

Dense smoke may be generated while burning.

## **Extinguishing Media**

Regular foam, water fog, carbon dioxide, dry chemical

## **Fire Fighting Instructions**

Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode with appropriate turnout gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

## **NFPA Rating**

Health - 1, Flammability - 1, Reactivity - 0

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## **6. ACCIDENTAL RELEASE MEASURES**

### **Small Spill**

Absorb liquid on vermiculite, floor absorbent or other absorbent material.

### **Large Spill**

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred. Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

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## **7. HANDLING AND STORAGE**

### **Handling**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Avoid prolonged or repeated contact.

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## Storage

Keep containers closed when not in use.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye Protection

Not required under normal conditions of use. However, if misting or splashing conditions exist, then safety glasses or chemical splash goggles are advised.

### Skin Protection

Not normally required. However, wear resistant gloves such as nitrile rubber to prevent irritation, which may result from, prolonged or repeated skin contact with product.

### Respiratory Protections

Not required under normal conditions of use. However, if oil mists are generated above recommended PEL/TLV of 5 mg/m<sup>3</sup>, then a NIOSH/MSHA approved respirator is advised in absence of proper environmental control. (See your industrial hygienist.)

### Engineering Controls

Not required under normal conditions of use. However, if unusual operating conditions exist, then provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below PEL/TLV (s).

### Exposure Guidelines Component

PARAFFINIC MINERAL OIL (64742-54-7)

OSHA VPEL 5.000 mg/m<sup>3</sup> - TWA

ACGIH TLV 5.000 mg/m<sup>3</sup> - TWA

LUBRICATING OIL ADDITIVE

No exposure limits established

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Boiling Point

(for component) > 425.0 F (218.3 C)

### Vapor Pressure

No data

### Specific Vapor Density

No data

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**Specific Gravity**

0.880 @ 60.00 F

**Liquid Density**

0.880 kg/l @ 15.60 C

**Percent Volatiles (Including Water)**

No data

**Evaporation Rate**

No data

**Appearance**

No data

**State**

LIQUID

**Physical Form**

No data

**Color**

No data

**Odor**

PETROLEUM

**pH**

No data

**Viscosity**

<7000	cP	@	-20°C
14.5 - 15.5	cSt	@	100°C

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## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization**

Product will not undergo hazardous polymerization.

**Hazardous Decomposition**

May formaldehydes, alkyl mercaptans, calcium oxide, carbon dioxide and carbon monoxide, hydrogen sulfide, sulfur oxides, various hydrocarbons.

**Chemical Stability**

Stable.

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## Incompatibility

Avoid contact with: acids, halogenated hydrocarbons, halogens, strong oxidizing agents.

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## 11. TOXICOLOGICAL INFORMATION

No data

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## 12. ECOLOGICAL INFORMATION

No data

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## 13. DISPOSAL CONSIDERATION

### Waste Management Information

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

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## 14. TRANSPORT INFORMATION

### DOT Information - 49 CFR 172.101

DOT Description:  
Not Regulated

Container/Mode:  
CASES/SURFACE - NO EXCEPTIONS

NOS Component:  
None

### RQ (Reportable Quantity) - 49 CFR 172.101

Not applicable

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## 15. REGULATORY INFORMATION

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## CLASSIFICATION

NOT CLASSIFIED	

## Composition

### R-Phrases

### S-Phrases

PETROLEUM PRODUCT

Avoid repeated skin contact

If swallowed, do not bring induce vomiting – seek medical advise

Spare the nature of oil products

Keep out of the reach of children

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## 16. OTHER INFORMATION

Usage and restriction: Lubricant for high-speed diesel engines.

Datasheets are developed on the basis of information given by producers/ suppliers of inputs and the existing regulations for classification and labeling of chemicals.

This product must be used, handled and applied in accordance with the requirements of the equipment manufacturer's manuals, bulletins and other documentation.

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## DISCLAIMER

The information contained in this data sheet is, and to the best of our knowledge, true and accurate, recommendations are based on presently known facts. It is the responsibility of the user in their own interest to ensure that the appropriate recommendations/precautions are adhered to.