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<b>SAFETY DATA SHEET</b>	Print Date: 13.08.2013
Premium Blue™ EXTRA 15W40 MOTOR OIL  781980	MSDS Number: 000000230441 Version: 3.0

Conforms to EU Regulation 1907/2006/EC as amended. - SDSCLP\_FI

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name : Premium Blue™ EXTRA 15W40  
MOTOR OIL

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

Use of the Substance/Mixture : Engine, gear & lubricating oil.

<b>1.3 Details of the supplier of the safety data sheet</b>  Ashland P.O. Box 8619 NL3009 AP, Rotterdam Netherlands  EUSMT@ashland.com	<b>1.4 Emergency telephone number</b>  00-800-274-5263-3/001-606-329-5701 , or contact your local emergency telephone number at (09) 471 977  <b>Product Information</b> +31 10 497 5000 (in the Netherlands), or contact your local CSR contact person
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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification (67/548/EEC, 1999/45/EC)

Dangerous for the environment

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 2.2 Label elements

#### Labelling according to EC Directives(1999/45/EC)

R-phrase(s) : R52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s) : S56

Dispose of this material and its container to

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S61 hazardous or special waste collection point.  
Avoid release to the environment. Refer to special instructions/ Safety data sheets.

Sensitising components : Long chain alkyl thiocarbamide metal complex  
May produce an allergic reaction.

### 2.3 Other hazards

Assessment : PBT substance , vPvB substance - not determined

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Slack Wax (Petroleum)	64742-65-0 265-169-7		Asp. Tox. 1; H304	>= 5 - < 10
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	93819-94-4 298-577-9 01-2119543726-33-xxxx	Xi; R38-R41 N; R51/53	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 2; H411	>= 1 - < 2,5
Long chain alkyl thiocarbamide metal complex	457-320-2 01-0000019337-66-xxxx	Xi; R38-R43 R52/53	Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 3; H412	>= 0,1 - < 0,25
Phenol , dodecyl- , branched	121158-58-5 310-154-3	Xi; R36/38 Xn; R62 N; R50/53	Skin Irrit. 2; H315 Repr. 2; H361 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,1 - < 0,25

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- If inhaled : Move to fresh air.  
If symptoms persist, call a physician.  
In case of shortness of breath, give oxygen.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off immediately with plenty of water.
- In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.  
Remove contact lenses.
- If swallowed : Do not induce vomiting without medical advice.  
Never give anything by mouth to an unconscious person.  
Consult a physician if necessary.

### 4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : 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)
- Risks : no data available

### 4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : no data available

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : ABC powder  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Water mist
- Unsuitable extinguishing media : Halons

### 5.2 Special hazards arising from the substance or mixture

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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  
hydrogen sulfide  
mercaptans  
Sulphur oxides  
zinc oxide

### 5.3 Advice for firefighters

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

Further information : Keep containers and surroundings cool with water spray. Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

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

### 6.2 Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so.

### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Large spills should be collected mechanically (remove by pumping) for disposal. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

no data available

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours or spray mist.

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For personal protection see section 8.  
 Provide sufficient air exchange and/or exhaust in work rooms.  
 Avoid exceeding of the given occupational exposure limits  
 (see section 8).  
 Smoking, eating and drinking should be prohibited in the  
 application area.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container.  
 Keep containers tightly closed in a dry, cool and well-ventilated place.

Other data : Stable under recommended storage conditions.

### 7.3 Specific end use(s)

no data available

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Components	CAS-No.	Value type	Form of Exposure	Control parameters	Update	Basis
Slack Wax (Petroleum)	64742-65-0	TWA	Mist.	5 mg/m3	2009	FN_OEL
Long chain alkyl thiocarbamide metal complex		TWA		10 mg/m3		SUPLR EXP

### 8.2 Exposure controls

#### Engineering measures

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : Wear resistant gloves such as:

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- : Nitrile rubber  
butyl-rubber
- Eye protection : Safety glasses with side-shields
- Skin and body protection : Wear as appropriate:  
Safety shoes
- Hygiene measures : Keep away from food, drink and animal feedingstuffs.  
When using do not eat, drink or smoke.  
Avoid contact with skin, eyes and clothing.  
Ensure that eyewash stations and safety showers are close to  
the workstation location.

**Environmental exposure controls**

- General advice : Prevent further leakage or spillage if safe to do so.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

- Appearance : liquid
- Colour : amber
- Odour : oily
- Odour Threshold : no data available
- pH : not applicable
- Freezing point / Melting point : < -33 °C
- Boiling point : no data available
- Flash point : 202 °C
- Evaporation rate : no data available
- Flammability (solid, gas) : no data available
- Burning rate : no data available
- Lower explosion limit : no data available
- Upper explosion limit : no data available
- Vapour pressure : no data available

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Relative vapour density : no data available

Relative density : no data available

Density : ca. 0,879 g/cm<sup>3</sup>; 15 °C

Water solubility : immiscible

Solubility in other solvents : no data available

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

Auto-ignition temperature : no data available

Ignition temperature : no data available

Thermal decomposition : no data available

Viscosity, dynamic : no data available

Viscosity, kinematic : ca. 14,7 mm<sup>2</sup>/s; 100 °C

Explosive properties : no data available

Oxidizing properties : no data available

## 9.2 Other information

Bulk density : no data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Hazardous polymerisation does not occur.

### 10.2 Chemical stability

No hazards to be specially mentioned.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Further information: No hazards to be specially mentioned.  
: Hazardous polymerisation does not occur.

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#### 10.4 Conditions to avoid

Conditions to avoid : excessive heat

#### 10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

#### 10.6 Hazardous decomposition products

Hazardous decomposition products : carbon dioxide and carbon monoxide  
Hydrocarbons  
hydrogen sulfide  
Sulphur oxides  
zinc oxide fumes  
mercaptans

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Product

Acute oral toxicity : no data available

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

Skin corrosion/irritation : no data available

Serious eye damage/eye irritation : no data available

Respiratory or skin sensitisation : no data available

##### Components:

##### **Slack Wax (Petroleum) :**

Acute oral toxicity : LD 50: > 5.000 mg/kg, Rat

Acute dermal toxicity : LD 50: > 5.000 mg/kg, Rabbit

Aspiration toxicity : May be fatal if swallowed and enters airways.

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## SECTION 12: Ecological information

### 12.1 Toxicity

**Product:**

no data available

**Components:**

**Phenol , dodecyl- , branched:**

M-Factor : 1

### 12.2 Persistence and degradability

**Product:**

no data available

**Components:**

no data available

### 12.3 Bioaccumulative potential

**Product:**

Bioaccumulation : The bioaccumulation potential cannot be determined.

**Components:**

no data available

### 12.4 Mobility in soil

**Product:**

no data available

**Components:**

no data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

no data available

**Components:**

no data available

### 12.6 Other adverse effects

**Product:**

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no data available

**Components:**  
no data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Product : Dispose of in accordance with the European Directives on waste and hazardous waste.
- : Do not contaminate ponds, waterways or ditches with chemical or used container.  
Container hazardous when empty.  
Dispose of in accordance with local regulations.
- Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

## SECTION 14: Transport information

### 14.1 UN number

**ADR:** Not dangerous goods

**ADNR:** Not dangerous goods

**RID:** 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

### 14.2 UN proper shipping name

**ADR:** Not dangerous goods

**ADNR:** Not dangerous goods

**RID:** 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

### 14.3 Transport hazard class(es)

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**ADR:** Not dangerous goods

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**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:** Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:** Not dangerous goods

#### 14.4 Packing group

**ADR:** Not dangerous goods

**ADNR:** Not dangerous goods

**RID:** 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

#### 14.5 Environmental hazards

**ADR:** not applicable

**ADNR:** not applicable

**RID:** not applicable

**INTERNATIONAL MARITIME DANGEROUS GOODS:** not applicable

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:** not applicable

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:** not applicable

#### 14.6 Special precautions for user

Not applicable

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Ship Type: Not applicable

Hazard code(s): Not applicable

Pollutant Category: Not applicable

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

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Directive 96/82/EC does not apply

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#### Notification status

US. Toxic Substances Control Act	y (positive listing)
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. ENCS - Existing and New Chemical Substances Inventory	n (Negative listing)
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	n (Negative listing)

#### 15.2 Chemical Safety Assessment

no data available

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#### SECTION 16: Other information

##### Full text of R-phrases referred to under sections 2 and 3

R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.

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

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.

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H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

**Further information**

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 Ashland's Environmental Health and Safety Department (+31 10 497 5000).

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  
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

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ABM : Water Hazard Class for the Netherlands  
 ADR : Agreement concerning the International Carriage of Dangerous Goods by Road.  
 ADNR: Regulation for the Carriage of Dangerous Substances on the Rhine  
 CLP : Classification, Labelling and Packaging  
 CSA : Chemical Safety Assessment  
 CSR : Chemical Safety Report  
 DNEL : Derived No Effect Level.  
 EINECS : European Inventory of Existing Commercial Chemical Substances.  
 ELINCS : European List of Notified Chemical Substances  
 PEC : Predicted Effect Concentration  
 PEL : Permissible Exposure Limits  
 PNEC : Predicted No Effect Concentration  
 R-phrase : Risk phrase  
 REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
 RID : Regulation Concerning the International Transport of Dangerous Goods by Rail  
 S-phrase: Safety phrase  
 WGK : German Water Hazard Class