

# Material Safety Data Sheet

Infosafe No™ 5FV99 Issue Date : February 2009 ISSUED by FUCHS

Product Name **HP 15W40 PLUS**

Not classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** HP 15W40 PLUS  
**Product Code** 4120  
**Company Name** Fuchs Lubricants (Australasia) Pty Ltd (ABN 88 005 681 916)  
**Address** 49 McINTYRE ROAD SUNSHINE  
VIC 3020 Australia  
**Emergency Tel.** 1800 638 556 (24hr AUST) 0800 154 166 (24hr NZ)  
**Telephone/Fax Number** Tel: +61 (0)3 9300 6400  
Fax: +61 (0)3 9300 6401  
**Email** customer.service@fuchs.com.au  
**Recommended Use** Supplied as a fleet high performance diesel engine oil for use in suitable applications only.  
**Additional Information** Refer to Product Information Sheet for further information.  
**Other Information** Fuchs Lubricants (New Zealand) Limited  
Harbourside Business Park  
485C Rosebank Road  
AVONDALE AUCKLAND 1026  
Phone: +64 9 828 3255  
Fax: +64 9 830 3643  
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Visit our website: [www.fuchs.com.au](http://www.fuchs.com.au)  
Orders Freecall (in Australia): 1800 1800 13  
Orders Freecall (in New Zealand): 0800 382 476

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Not classified as hazardous  
NON-HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.  
**Irritancy of Product** Not classified as an irritant.  
**Sensitization of Product** Not known to be a sensitiser.  
**Teratogenicity** No teratogenic effects known.  
**Other Information** Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and environment on disposal. All used oils should be handled with caution and skin contact avoided as far as possible.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** Liquid  
**Ingredients**

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
Mineral Oil		70-100 %
Ingredients determined not to be hazardous	Mixture	To 100%

## 4. FIRST AID MEASURES

**Inhalation** Remove victim from exposure - avoid becoming a casualty. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.  
**Ingestion** Give water to drink. DO NOT induce vomiting. Seek medical attention. If vomiting occurs get immediate medical attention due to aspiration risk.  
**Skin** Wash with plenty of soap and water. If irritation occurs seek medical advice.  
**Eye** Remove contaminated clothing and wash before re-use.  
Immediately irrigate with copious quantity of water for at least 15 minutes.

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**First Aid Facilities** Eyelids to be held open. In all cases of eye contamination it is a sensible precaution to seek medical advice.  
**Advice to Doctor** Normal washroom facilities are generally suitable. Ensure an eyewash station and safety shower are available and ready for use.  
**Other Information** Treat symptomatically.  
Keep water and mild soap near work site.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Extinguish fire with the following: Use CO2, dry chemical or foam.  
**Hazards from Combustion Products** Combustion products may include: a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide, carbon dioxide, soot, oxides of sulfur, and unidentified organic and inorganic compounds.  
**Specific Methods** Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.  
**Precautions in connection with Fire** If safe to do so, remove containers from path of fire. Keep containers cool with water spray. Avoid spreading liquid and fire by water flooding.

## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Take up with absorbent material (e.g. sand, acid binder, general-purpose binder, sawdust).  
Send in suitable containers for recovery and disposal. Dispose according to local regulations.  
**Environmental Precautions** Do not discharge into the drains/surface waters/groundwater. Prevent spread over a wide area (e.g. by containment or oil barriers). Send in suitable containers for recovery or disposal.  
Take up with absorbent material (e.g. general-purpose binder).

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Prevent spillages. Ensure the appropriate personal protective equipment is used when handling this material. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet  
**Conditions for Safe Storage** Keep containers closed at all times. Store in cool place and out of direct sunlight. Store away from oxidizing agents.  
Check containers regularly for leaks.  
**Corrosiveness** Not corrosive  
**Storage Regulations** Store in a well-ventilated place away from ignition sources, oxidising agents, foodstuffs and clothing.  
Keep containers closed when not in use.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** No exposure standard has been established for this product.  
**Engineering Controls** Maintain concentration below recommended exposure limit. Special ventilation is not normally required due to the low volatility of the product at normal temperatures. However, in the operation of certain equipment or at elevated temperatures, mists or vapour may be generated and exhaust ventilation should be provided to maintain airborne concentration levels below the exposure standard or where no exposure standard is allocated, as low as is reasonably practicable.  
**Respiratory Protection** Respirator not normally required.  
Airborne concentrations should be kept to lowest levels possible. If vapour, mist or dust is generated and the occupational exposure limit of the product is exceeded, use appropriate AS/NZS 1715/1716 approved half-face filter respirator suitable for organic vapours or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content of the air is unknown.  
**Eye Protection** Safety glasses, goggles or faceshield as appropriate.

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<b>Hand Protection</b>	PVC gloves.
<b>Footwear</b>	Enclosed footwear.
<b>Body Protection</b>	Overalls or similar protective apparel.
<b>Hygiene Measures</b>	Always wash hands before smoking, eating, drinking or using the toilet. If contamination occurs, change clothing. Discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid
<b>Appearance</b>	Dark amber liquid
<b>Odour</b>	Mild
<b>Melting Point</b>	Less than 0°C
<b>Boiling Point</b>	Greater than 300°C
<b>Solubility in Water</b>	Not soluble
<b>Solubility in Organic Solvents</b>	Soluble in petroleum solvents
<b>pH Value</b>	Not relevant
<b>Vapour Pressure</b>	Less than 0.1 kPa
<b>Vapour Density (Air=1)</b>	Greater than 2.0 (Air = 1)
<b>Evaporation Rate</b>	Less than 1 (n-butyl acetate = 1)
<b>Viscosity</b>	110 cSt @ 40°C (kinematic) (typical) 12.5 - 16.3 cSt @ 100°C (kinematic)
<b>Colour</b>	Clear amber/brown
<b>Density</b>	0.89 kg/L @ 15°C typical
<b>Flash Point</b>	Greater than 180.0 °C (PMCC)
<b>Flammability</b>	Combustible liquid C2 according to AS 1940.
<b>Auto-Ignition Temperature</b>	Greater than 250°C
<b>Flammable Limits - Lower</b>	Approximately 1.5%
<b>Flammable Limits - Upper</b>	Approximately 6.0%
<b>Explosion Properties</b>	Not considered an explosion risk under normal conditions of use
<b>Other Information</b>	These physical data and other properties do not constitute a specification

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of use
<b>Incompatible Materials</b>	Strong oxidising agents
<b>Hazardous Reactions</b>	Will react with strong oxidising agents.
<b>Hazardous Polymerization</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	No toxicology data available for this product.
<b>Inhalation</b>	Inhalation of mists or aerosols can produce respiratory irritation.
<b>Ingestion</b>	May cause mild irritation of the mouth, throat, and stomach with nausea and mild diarrhoea. Large amounts can cause vomiting which can lead to aspiration of vomited material into the lungs.

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<b>Skin</b>	Contact with skin may result in irritation.
<b>Eye</b>	May cause watering of eyes.
<b>Chronic Effects</b>	Prolonged or repeated exposure may result in irritation, with the possibility of dermatitis

## 12. ECOLOGICAL INFORMATION

<b>Ecological Information</b>	No Ecological data available.
<b>Ecotoxicity</b>	No data available for this specific product.
<b>Persistence / Degradability</b>	No data available for this specific product.
<b>Environ. Protection</b>	Do not allow material to enter drains or waterways.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Considerations</b>	Dispose of waste according to federal, EPA and state regulations.
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## 14. TRANSPORT INFORMATION

<b>Transport Information</b>	Not regulated for transport.
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## 15. REGULATORY INFORMATION

<b>Poisons Schedule</b>	Not Scheduled
<b>Packaging &amp; Labelling</b>	No special packaging or labelling requirements.

## 16. OTHER INFORMATION

<b>Contact Person/Point</b>	Laboratory Manager +61 (0)3 9300 6400 Research & Development Chemist +61 (0)3 9300 6400 New Zealand Office +64 9 828 3255
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This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Material Safety Data Sheets are updated frequently. Please ensure you have a current copy.

### Literature References

- \* NOHSC:2011 National Code of Practice for the Preparation of Material Safety Data Sheets
- \* NOHSC:1008 Approved Criteria for Classifying Hazardous Substances
- \* NOHSC:10005 List of Designated Hazardous Substances
- \* NOHSC:1005 Control of Workplace Hazardous Substances, National Model Regulations
- \* NOHSC:2007 Control of Workplace Hazardous Substances, National Code of Practice
- \* NOHSC:1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards
- \* NOHSC:3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note
- \* NOHSC:1015 Storage and Handling of Workplace Dangerous Goods, National Standard
- \* NOHSC:2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice

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## Last Change

\* SUSMP, Standard for the Uniform Scheduling of Medicines and Poisons  
\* ADG, Australian Dangerous Goods Code  
\* MSDS of component materials  
Supersedes issue date: 13/06/2007  
Reason/s for revision: Annual Review  
...End Of MSDS...

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