

Material Safety Data Sheet

infosafe
CS: 1.7.8

Page: 1 of 4

Infosafe No™ 5FUJC Issue Date : May 2010 ISSUED by FUCHS

Product Name **HP SYN 80W140 PLUS**

Not classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name HP SYN 80W140 PLUS
Product Code 4122
Company Name IVECO Tucks Australia Ltd.
Address Princes Highway Dandenong
VIC 3175 Australia
Telephone/Fax Number Tel: Tel 03-92882200
Recommended Use Supplied as a premium fully synthetic 80W/140 GL-5 gear oil for use in suitable applications only.
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
.
Visit our website: 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid
Ingredients

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
Proprietary blend	N/A	To 100%

4. FIRST AID MEASURES

Inhalation On inhalation of concentrated spray mist: fresh air; if adverse health effects persist seek medical advice.
Ingestion Do not induce vomiting.
If vomiting occurs naturally, keep airway clear.
Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing.
Seek medical attention immediately.
Skin Wash with plenty of soap and water. Seek medical advice if effects persist.
Eye Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.
Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Fine water spray, carbon dioxide, dry chemical, foam.
Hazards from Combustion Products Carbon dioxide., carbon monoxide, nitrogen oxides, phosphorus oxides.
Special Protective Equipment for fire fighters Wear self-contained breathing apparatus.
Wear full protective clothing.
Specific Methods In case of fire, keep containers cool with water spray.
If a spill or leak has not ignited, use water spray to disperse the vapors.

Material Safety Data Sheet

infosafe
CS: 1.7.8

Page: 2 of 4

Infosafe No™ 5FUJC Issue Date : May 2010 ISSUED by FUCHS

Product Name **HP SYN 80W140 PLUS**

Not classified as hazardous

**Unsuitable
Extinguishing Media**

Water spray may be used to flush spills away from fire.
High pressure water jet.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Contain by diking then pump into suitable containers.
Soak up small spills with absorbent material and place in labeled containers for recovery or disposal.

Personal Precautions Ensure cleanup is performed only by trained personnel wearing appropriate personal protective clothing and equipment.
Wear adequate personal protective clothing and equipment.
Avoid contact with skin and eyes.

Environmental Precautions Prevent further leakage or spillage.
Add dry material to absorb spill (if large spill, dike to contain).
Do not allow spill to enter sewage systems or open bodies of water.

7. HANDLING AND STORAGE

Precautions for Safe Handling Product becomes slippery when wet.
Danger of slipping on spilled product.
Avoid open flames.

Conditions for Safe Storage Avoid container damage while handling and storing.
Avoid heating to decomposition.

Additional information on precautions for use Keep away from heat, spark, and open flames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls Maintain concentration below recommended exposure limit. Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

Respiratory Protection Not applicable with adequate ventilation.
NIOSH/MSHA approved respirator if necessary.
When processing in open systems with aerosol formation wear suitable respiratory protection to avoid inhalation of aerosol particles.

Eye Protection Safety glasses with side shields.

Hand Protection Appropriate chemical resistant gloves.

Body Protection Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Liquid

Appearance Dark amber liquid

Odour Characteristic

Melting Point -15°C

Boiling Point Not determined

Solubility in Water Not soluble in water.

Specific Gravity 0.8800 - 0.9200

Vapour Pressure Not determined

Viscosity Viscosity @ 40°C = 284 cSt Typ
Viscosity @ 100°C = 24.0 - 41.0 cSt (30cSt) Typical

Volatile Component NONE

Flash Point 180°C ASTM D 92-97 COC

Flammability Will burn if involved in a fire.

Flammable Limits - Lower Not Applicable

Explosion Properties NOT CONSIDERED TO BE AN EXPLOSION HAZARD

Material Safety Data Sheet

infosafe
CS: 1.7.8

Page: 3 of 4

Infosafe No™ 5FUJC Issue Date : May 2010 ISSUED by FUCHS

Product Name **HP SYN 80W140 PLUS**

Not classified as hazardous

10. STABILITY AND REACTIVITY

Conditions to Avoid	Keep away from sources of ignition and naked flames.
Hazardous Decomposition Products	Carbon dioxide. carbon monoxide phosphorus oxides nitrogen oxides
Hazardous Reactions	No decomposition if used according to specifications. Reacts with strong oxidants.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	This product is considered to be of low toxicity when used in accordance with good work practice and the manufacturers recommendations. Avoid prolonged or repeated skin contact with USED engine oils as possible chronic effects can include skin cancer.
Inhalation	In normal use inhalation is not an expected event. Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion	Ingestion may cause mild irritation of the mouth, throat, and stomach with nausea and mild diarrhoea. Large amounts of ingestion can cause vomiting which can lead to lung aspiration.
Skin	Repeated or prolonged skin contact may lead to irritation. Seek medical attention if effects persist.
Eye	May be an eye irritant.

12. ECOLOGICAL INFORMATION

Ecological Information	No ecological data available.
Environ. Protection	Non-biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Dispose of waste according to federal, EPA, state and local regulations.
Product Disposal	Avoid landfilling liquids. Reclaim where possible. All recovered material should be packaged, labeled, transported, and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices.

14. TRANSPORT INFORMATION

Transport Information	Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code 07).
Storage and Transport	Store in a cool, dry place.

15. REGULATORY INFORMATION

Poisons Schedule	Not Scheduled
Packaging & Labelling	Not regulated

16. OTHER INFORMATION

Contact Person/Point	Laboratory Manager +61 (0)3 9300 6400 Research & Development Chemist +61 (0)3 9300 6400 New Zealand Office +64 9 828 3255
-----------------------------	---

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

Material Safety Data Sheet

infosafe
CS: 1.7.8

Page: 4 of 4

Infosafe No™ 5FUJC

Issue Date : May 2010

ISSUED by FUCHS

Product Name **HP SYN 80W140 PLUS**

Not classified as hazardous

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
- * SUSMP, Standard for the Uniform Scheduling of Medicines and Poisons
- * ADG, Australian Dangerous Goods Code
- * MSDS of component materials

Last Change

Supersedes issue date: 13/12/2004

Reason/s for revision: To align with NOHSC requirements.

Material safety data sheets are updated frequently make sure you have a current copy.

...End Of MSDS...

© Copyright ACOHS Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.