

# Material Safety Data Sheet

CS: 1.4.93

Page: 1 of 5

Infosafe No™ 5FVCM Issue Date : November 2011 ISSUED by FUCHS

Product Name : ISUZU CNG MC SAE 10W-40

Not classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** ISUZU CNG MC SAE 10W-40  
**Product Code** 4278  
**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** Lubricant

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Not classified as hazardous  
Australia:  
Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.  
New Zealand:  
Not classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.  
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.  
**Risk Phrase(s)** Not classified as hazardous

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Information on Composition** Mixture containing severely refined base oils and additives.

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Zinc dialkylthiophosphate	68649-42-3	<2.5 %
	Calcium salicylate		<2.5 %
	Ingredients determined not to be hazardous		Balance

## 4. FIRST AID MEASURES

**Inhalation** If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.  
**Ingestion** Do NOT induce vomiting. Wash out mouth and lips with water. Where vomiting occurs naturally have affected person place head below hip level in order to reduce risk of aspiration. Seek immediate medical attention.  
**Skin** Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.  
**Eye** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.  
**First Aid Facilities** Eyewash and normal washroom facilities.  
**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Use carbon dioxide, alcohol-resistant foam or dry chemical.

# Material Safety Data Sheet

CS: 1.4.93

Page: 2 of 5

Infosafe No™ 5FVCM

Issue Date : November 2011

ISSUED by FUCHS

Product Name : ISUZU CNG MC SAE 10W-40

Not classified as hazardous

<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
<b>Specific Hazards</b>	Combustible liquid. This product will burn under fire conditions.
<b>Precautions in connection with Fire</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
-----------------------------	--

## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.
<b>Storage Regulations</b>	Australia: Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well-ventilated area away from naked flames, sparks and other sources of ignition.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	No exposure standards have been established for this material. As with all chemicals, exposure should be kept to the lowest possible levels. The exposure limits for oil mist are as follows: Australian National Occupational Health And Safety Commission (NOHSC) exposure standards: Oil mist, (refined mineral oil) TWA 5 mg/m <sup>3</sup> New Zealand Workplace Exposure Standards (OSH): Oil mist (mineral oil) TWA 5 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup> TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week. STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.
<b>Biological Limit Values</b>	No biological limits allocated.
<b>Engineering Controls</b>	Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

# Material Safety Data Sheet

CS: 1.4.93

Page: 3 of 5

Infosafe No™ 5FVCM

Issue Date : November 2011

ISSUED by FUCHS

Product Name : ISUZU CNG MC SAE 10W-40

Not classified as hazardous

<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
<b>Eye Protection</b>	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Wear gloves of impervious material such as nitrile or neoprene. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Light brown liquid
<b>Odour</b>	Characteristic
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Not miscible with water or difficult to mix.
<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	<0.5 Pa
<b>Vapour Density (Air=1)</b>	Not available
<b>Density</b>	0.876 g/cm <sup>3</sup> at 15°C (DIN 51 757)
<b>Flash Point</b>	208°C (ISO 2592)
<b>Flammability</b>	Combustible liquid
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	1
<b>Flammable Limits - Upper</b>	10
<b>Kinematic Viscosity</b>	90 mm <sup>2</sup> /s 40°C (DIN 51 562)

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Heat and other source of ignition.
<b>Incompatible Materials</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
<b>Hazardous Reactions</b>	Will react with strong oxidising agents.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	Not available
-------------------------------	---------------

# Material Safety Data Sheet

CS: 1.4.93

Page: 4 of 5

Infosafe No™ 5FVCM Issue Date : November 2011 ISSUED by FUCHS

Product Name : ISUZU CNG MC SAE 10W-40

Not classified as hazardous

<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	May cause mild irritation of the mouth, throat, and stomach with nausea and mild diarrhoea.
<b>Skin</b>	May be irritating to skin. The symptoms may include redness, itching and swelling. May cause an allergic reaction in sensitive individuals.
<b>Eye</b>	May be irritating to eyes. The symptoms may include redness, itching and tearing.
<b>Chronic Effects</b>	Prolonged or repeated exposure may result in irritation, with the possibility of dermatitis

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	This material may present environmental risks common to oil spills.
<b>Persistence / Degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Environ. Protection</b>	Do not allow material to enter drains or waterways.
<b>Sewage Treatment</b>	The product swims to the surface.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Considerations</b>	<p>Product Disposal: This product can be disposed through a licensed commercial waste collection service, in accordance with applicable local and national regulations. This product is non-hazardous and therefore the New Zealand HSNO regulations regarding disposal do not apply. However other regulations may apply. In this specific case the product is a combustible substance and therefore can be sent to an approved high temperature incineration plant for disposal.</p> <p>Container Disposal: The product is non-hazardous, therefore, the packaging may be re-used or recycled if it has been treated to remove any residual contents of the substance. Any wash-off water from the container cleaning process should be sent to a suitable waste water treatment plant before discharge into the environment. In New Zealand, the packaging (that may or may not contain any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.</p>
--------------------------------	---

## 14. TRANSPORT INFORMATION

<b>Transport Information</b>	<p>Australia: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)</p> <p>New Zealand: Not classified as Dangerous Goods for transport according to the NZS 5433:2007 Transport of Dangerous Goods on Land.</p> <p>Marine Transport (IMO/IMDG): Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.</p> <p>Air Transport (ICAO/IATA): Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.</p>
------------------------------	---

## 15. REGULATORY INFORMATION

<b>Regulatory Information</b>	Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
<b>Poisons Schedule</b>	Not Scheduled

# Material Safety Data Sheet

CS: 1.4.93

Page: 5 of 5

Infosafe No™ 5FVCM Issue Date : November 2011 ISSUED by FUCHS

Product Name : ISUZU CNG MC SAE 10W-40

Not classified as hazardous

**National and or International Regulatory Information** New Zealand:  
Not classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

## 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** MSDS Created: November 2011

...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.