

Material Safety Data Sheet

CS: 1.4.93

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Infosafe No™ 5FV7Y Issue Date : November 2009 ISSUED by FUCHS

Product Name : TITAN CNG MC 10W40

Not classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name TITAN CNG MC 10W40
Product Code 4051
Product Type Lubricant
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
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Email customer.service@fuchs.com.au

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as hazardous
By handling of mineral oil products and chemical products no practical hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.
Information pertaining to particular dangers for man and environment this product is water polluting; see Item 12.
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
The classification results from the Conventional Method of the Directive 1999 /45 / EC concerning specific data of compounds.

Risk Phrase(s) Not classified as hazardous

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition, information on ingredients Mixture containing severely refined base oils and additives.

Chemical Characterization Fluid

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Ingredients determined to be non hazardous	N\Alloc.	100 %		
	ZnDTP	N/A	1-2.4 %	Xi, N	R36, R51/53
	Ca Salicylate		1-2.4 %		R53

4. FIRST AID MEASURES

First Aid Measures Change clothes and shoes contaminated or soaked with the product. Never put rags contaminated by the product into cloth-pockets.

Inhalation Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop, seek medical attention.

Ingestion Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.

Skin Wash skin with water using soap if available. If persistent irritation occurs, obtain medical attention.

Eye After skin contact: instantly wash with water and soap and rinse thoroughly. If contact with the eye(s) occur, wash with copious amounts of water for approximately 15 minutes holding eyelids(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops seek medical attention.

First Aid Facilities After eye contact: rinse opened eye for several minutes under running water. Eye wash and normal washroom facilities.

Advice to Doctor Treat symptoms.

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5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Foam, dry fire-extinguishing substance, carbon dioxide and water mist. Suitable extinguishing agents: CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. Use firefighting measures that suit the environment.
Special Protective Equipment for fire fighters	Use self-contained breathing apparatus and protective clothing.
Specific Methods	Cool endangered containers with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.
Specific Hazards	Fire gas of organic material has to be classed invariably as respiratory poison.
Decomposition Temp.	Not determined
Unsuitable Extinguishing Media	Full water jet

6. ACCIDENTAL RELEASE MEASURES

Methods and Materials for Containment and Clean Up Procedures	Absorb with liquid-binding materials (sand, diatomite, acid binders, universal binders, saw dust). Dispose of the material collected according to regulations.
Spills & Disposal	Contain - prevent contamination of drains and waterways. Use absorbent (soil or sand, sawdust, inert material, vermiculite). Collect and seal in properly labelled drums for disposal. Dispose of waste as per Local, State and Federal Land Waste Management Authorities. (Victoria:MMBW (03) 9615 6099)
Personal Precautions	Ensure adequate ventilation. High risk of slipping due to leakage/spillage of product. Avoid contact with skin and eyes by wearing appropriate protective clothing.
Environmental Precautions	Do not discharge into the drains/surface waters/groundwater. Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the subsoil/soil.
Other Information	No dangerous materials are released.

7. HANDLING AND STORAGE

Precautions for Safe Handling	As with any industrial chemical, handle the product in a manner that minimises exposure to practicable levels. Ensure the appropriate personal protective equipment is used when handling this product, refer to Section 8 of this MSDS. 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. Information for safe handling: Prevent formation of aerosols. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Information about protection against explosion and fires: Do not heat up to temperature close to the flash point.
Conditions for Safe Storage	Store in a cool place, out of direct sunlight. Store away from ignition sources, oxidising agents, foodstuffs and clothing. Protect containers against physical damage and check regularly for leaks. Do not store in open or unlabelled containers. Refer to NOHSC:1015 National Standard for Storage and Handling of Workplace Dangerous Goods for further information. Requirements to be met by storerooms and containers: No special requirements. Information about storage in one common storage facility: Store away from foodstuffs. Information about storage conditions: Local regulations concerning handling and storage of water polluting products

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have to be followed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure standards have been established for this material by the Australian Society of Cosmetic Chemists (ASCC) or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour.
Engineering Controls	Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used. General protective and hygienic measures The usual precautionary measures should be adhered to in handling the chemicals and the mineral oil products. Avoid close or long term contact with the skin. Use skin protection cream for preventive skin protection. Do not carry cleaning cloths impregnated with the product in trouser pockets.
Respiratory Protection	Not normally required at determined application. A self-contained breathing apparatus is recommended in all situations where airborne contaminant concentration had not been confirmed to be below safe levels.
Eye Protection	Where splashing is not likely, chemical safety glasses with side shields are recommended. Where splashing may occur, chemical goggles or full face shield is recommended.
Hand Protection	PVC, neoprene, or nitrile rubber gloves.
Body Protection	Where splashing or soaking is likely, wear oil or chemical resistant clothing to prevent exposure.
Hygiene Measures	Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash skin thoroughly and immediately after handling the product. At work do not eat, drink and smoke. Work in rooms with good ventilation. Use barrier skin cream.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Fluid
Appearance	Light brown
Odour	Characteristic
Decomposition Temperature	Not determined
Melting Point	Not determined
Boiling Point	Not applicable or not determined
Viscosity	At 40°C = 96 mm ² /s
Flash Point	208°C
Flammability	Product is not selfigniting
Explosion Properties	Product is not explosive

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	This product must be kept away from heat, direct sunlight, open flames and other sources of ignition. In any case, avoid exposing product to temperatures above the flash point. No decomposition if used according to specifications.
Incompatible Materials	Reactions with oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Hazardous Reactions	Will react with strong oxidising agents.

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Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information This product is considered to be non-hazardous when use in accordance with good industrial hygiene and the manufacturers recommendations.

Inhalation Not normally considered to be a hazard due to the non-volatile nature of the product.
Inhalation of oil mist/vapour from heated material may cause irritation of the upper respiratory system.

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 Product will have a defatting effect on the skin.
Contact with skin may cause irritation.
Prolonged or repeated exposure can result in irritation and in severe cases dermatitis.

Eye This product is not expected to cause eye irritation under normal conditions of use. Repeated or prolonged contact with eyes may cause eye irritation.

Acute Toxicity - Dermal No irritant effect known.

Eye Irritation No irritant effect known.

Skin Irritation No irritant effect known.

Skin Sensitisation Sensitization possible by skin contact.

Other Information When used and handled according to specifications, the product does not have any harmful effects according to our actual information.

12. ECOLOGICAL INFORMATION

Ecotoxicity Data not available.

Persistence / Degradability No data available for this specific product.

Mobility No data available for this specific product.

Environmental Fate Behaviour in sewage processing plants: The product swims on the water surface. Do not allow to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.
The product contains materials that are harmful to the environment.

Environ. Protection Product is not allowed to be discharged into the ground water, drains, sewage treatment plants or aquatic environment.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Dispose of waste according to federal, EPA, state and local regulations. Smaller quantities have to be disposed in line with local legislation. When storing used mineral oil products, ensure that the categories for waste oil and mixing instructions are observed. Delivery of waste oil only to officially authorized collectors.

Container Disposal Uncleaned packagings:
Recommendation:
Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. Small one-way packagings have to be disposed according to the local regulations.

14. TRANSPORT INFORMATION

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

Packaging & Labelling Not regulated

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16. OTHER INFORMATION

Last Change

Issue Date: 13.07.09

Reason(s) for issue: New Product

Technical Contact

Laboratory Manager (03) 9300 6400

Point

Research & Development Chemist (03) 9300 6400

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.

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