

# Material Safety Data Sheet

Infosafe No™ 5FV0Z Issue Date : March 2010 ISSUED by FUCHS

Product Name : ISUZU GIGA AMT 90

Not classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** ISUZU GIGA AMT 90  
**Product Code** 2135  
**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 multigrade hypoid 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  
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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.

**Risk Phrase(s)** Not classified as hazardous  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrase(s)** S57 Use appropriate container to avoid environmental contamination.

**Other Information** ERMA  
Group standard: Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2006  
HSNO Approval number: HSR002606.  
HSNO Classification; 9.1A  
Signal Word; Warning  
Hazard Pictogram; Ecotoxic  
Hazard Statement Codes;  
H410 Very toxic to the aquatic life with long lasting effects.  
Precautionary Statement Codes  
Prevention  
P103 Read label before use.  
P104 Read Safety Data Sheet before use.  
P273 Avoid release to the environment.  
Response  
H391 Collect spillage  
Storage  
No storage statements  
Disposal  
P501

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
	Ingredients determined not to be hazardous	Mixture	To 100%		

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## 4. FIRST AID MEASURES

<b>Inhalation</b>	Remove victim from exposure - avoid becoming a casualty. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible - either on site or at the nearest hospital.
<b>Ingestion</b>	DO NOT induce vomiting because of risk of aspiration. Rinse mouth thoroughly with water immediately. Give water to drink and seek immediate medical assistance. Should vomiting occur, hold patient with head below the hips to prevent pulmonary aspiration.
<b>Skin</b>	Wash with plenty of soap and water. Seek medical advice if effects persist.
<b>Eye</b>	Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. In all cases of eye contamination it is a sensible precaution to seek medical assistance. Transport to hospital or medical centre.
<b>First Aid Facilities</b>	Normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

<b>Specific Hazards</b>	Extinguish fire with the following: Use CO <sub>2</sub> , dry chemical or foam. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition. On burning will emit toxic fumes of carbon monoxide, acrid smoke and carbon dioxide.
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## 6. ACCIDENTAL RELEASE MEASURES

<b>Spills &amp; Disposal</b>	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)
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## 7. HANDLING AND STORAGE

<b>Additional information on precautions for use</b>	Observe standard safety precautions and good work practices. Do not continue to use contaminated clothing
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	No value assigned for this specific material by the National Occupational Health and Safety Commission (WSA). Maintain exposure to a minimum. For oil mist, mineral: TLV TWA: 5mg/m <sup>3</sup> ; STEL 10mg/m <sup>3</sup>
<b>Engineering Controls</b>	Maintain concentration below recommended exposure limit. If risk of overexposure exists, wear SAA approved respirator.
<b>Personal Protective Equipment</b>	Overalls, safety glasses and impervious gloves, eg. PVC. Avoid skin and eye contact, and inhalation of mists/aerosols. Wash contaminated clothing and protective equipment before storing/re-using. Avoid carrying contaminated rags in pockets or wearing of soaked clothing. If risk of inhalation of spray mist exists, wear combined organic vapour/particulate respirator meeting the requirements of AS1715 and AS1716. If using a respirator' ensure that the cartridges are correct for the potential air contamination and are in good working order.
<b>Hygiene Measures</b>	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Dark Amber liquid.
<b>Odour</b>	Sulfur characteristics
<b>Boiling Point</b>	Greater than 316°C
<b>Solubility in Water</b>	Insoluble

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<b>Specific Gravity</b>	0.89 @ 15°C/typical
<b>Vapour Pressure</b>	Less than 0.1 mmHg @ 25°C
<b>Viscosity</b>	Viscosity @ 40°C = 170 cSt Typical Viscosity @ 100°C = 13.5 - 24.0 cSt Typical
<b>Volatile Component</b>	None
<b>Flash Point</b>	240°C/typical
<b>Flammability</b>	Will burn if involved in a fire.
<b>Flammable Limits - Lower</b>	Not determined
<b>Explosion Properties</b>	Not determined
<b>Other Information</b>	Solubility in water: Not miscible. * Typical values only - Consult product information sheet.

## 10. STABILITY AND REACTIVITY

**Hazardous Reactions** Store away from strong oxidizing or combustible materials.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	This product is considered to be non-hazardous when used in accordance with good industrial hygiene and the manufacturers recommendations.
<b>Inhalation</b>	Not normally a hazard due to the non-volatile nature of the product. Inhalation of oil mist/vapour from heated material may cause irritation of upper respiratory system.
<b>Ingestion</b>	May cause mild irritation of mouth, throat, and stomach with nausea and mild diarrhoea. Aspiration (liquid into lungs) of vomited material may cause pneumonitis.
<b>Skin</b>	Contact with skin may result in irritation.
<b>Eye</b>	May cause slight eye irritation.
<b>Chronic Effects</b>	Repeated or prolonged skin contact can result in irritation and in severe cases dermatitis.

## 12. ECOLOGICAL INFORMATION

<b>Environ. Protection</b>	Non-biodegradable. Avoid contaminating waterways. * For mineral oil: Acute LC/EC50 Fish - Juvenile Rainbow Trout - Practically non-toxic. Based on testing with similar products.
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## 13. DISPOSAL CONSIDERATIONS

## 14. TRANSPORT INFORMATION

<b>Transport Information</b>	Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>Storage and Transport</b>	Store in cool place and out of direct sunlight. Protect containers against physical damage and check regularly for leaks. Do not store in open or unlabelled containers. Store away from oxidizing agents or combustible material.

## 15. REGULATORY INFORMATION

<b>Poisons Schedule</b>	Not Scheduled
<b>Packaging &amp; Labelling</b>	Not regulated
<b>Hazard Category</b>	Dangerous for the environment

## 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
- \* SUSDP, Standard for the Uniform Scheduling of Drugs and Poisons
- \* ADG, Australian Dangerous Goods Code
- \* MSDS of component materials

## Last Change

Supersedes Issue Date: March 2010  
Reason(s) for issue: 5 years renewal  
Safety data sheets are updated frequently. Please ensure that you have a current copy.  
...End Of MSDS...

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