

# Safety Data Sheet

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Infosafe No. 5FUL1 Issue Date : March 2006

Product Name : DIESEL FUEL CONDITIONER

Not classified as hazardous

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Product Name** DIESEL FUEL CONDITIONER  
**Company Name** Flashlube  
**Address** 172 Roden St West Melbourne  
Victoria 3003 Australia  
**Emergency Tel.** Flashlube 03 9329 8200  
**Telephone/Telex Number** Tel: 03 9329 8200 Fax: 03 9329 0682  
**Product Use** Diesel fuel conditioner  
**Other Information** Visit our website: [www.flashlube.com.au](http://www.flashlube.com.au)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

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

**Dangerous Components / Constituents**

Solvent Naphtha	5-10%
Xn, N; R 51/53- 65-66-67	
Naphthalene	0.1-1%
Xn, N; R22- 40- 50/53	
Pseudocumene	0.1-1%
Xn, N; R 10-20-36/37/38- 51-53	
Mesitylene	0.1-1%
Xn, N; R10-37- 51/53	

**Information on Composition** For the wording of the listed risk phrases refer to section 16

## 3. HAZARDS IDENTIFICATION

**Hazards Identification** By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.

**Environmental Hazards** This product is water polluting, see item 12  
R52/53 Harmful to aquatic organism, may cause long term adverse effects in the aquatic environment  
Contain Rosin. May produce an allergic reaction

**Other Information** No adverse health effects are expected if this product is used in accordance with this safety data sheet.

## 4. FIRST AID MEASURES

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

**Inhalation** Supply fresh air; consult doctor in case of symptoms (eventually by inhaling the overheated product)

**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.  
In all cases of eye contamination it is a sensible precaution to seek medical attention.

**Ingestion** DO NOT induce vomiting. Rinse mouth thoroughly with water and give plenty of water to drink. Seek medical advice in case of persistent symptoms.

**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

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## Fire Fighting Measures

**Extinguishing Media** CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

**Unsuitable Extinguishing Media** Water with a full water jet

**Protective Equipment** In case of fire fighting: wear self containing breathing apparatus

**Hazardous Combustion Products** Can form explosive vapour-air mixtures at high temperatures.

## 6. ACCIDENTAL RELEASE MEASURES

**Accidental Release Measures** Particular danger of slipping on leaked/spilled product.

**Personal Precautions** Particular danger of slipping on leaked/spilled product. Keep away from ignition sources.

**Environmental Precautions** Prevent from entering into drains, ditches, rivers or the sea. Prevent contamination of soil and water. Inform local authorities if this cannot be prevented.

**Clean-up Methods - Small Spillages** Absorb or contain liquid with sand, earth or spill control material.

**Spills & Disposal** Use absorbent (soil or sand, sawdust, inert material, vermiculite). Dispose according to local regulations.

**Other Information** No dangerous materials are released.

## 7. HANDLING AND STORAGE

**Handling** The precautions for storing and handling of flammable liquids have to be kept. Prevent formation of aerosols. Use only in well ventilated areas. Ensure good interior ventilation, especially at floor level. Do not heat up to temperatures close to flashpoint

**Storage** No special storage requirements. Store away from foodstuffs.

**Other Information** Ensure that all local regulations regarding handling and storage facilities are followed.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**Exposure Limits** Components with critical values that require monitoring at the workplace:  
Naphthalene (0.1-1%)  
OES Short term value: 80mg/m<sup>3</sup>, 15 ppm  
Long term value: 53mg/m<sup>3</sup>, 10 ppm

**Hygiene Measures** Always wash hands before smoking, eating, drinking or using the toilet. If contamination occurs, change clothing. Avoid carrying contaminated rags in pockets or wearing soaked clothing. Discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse.

**Respiratory Protection** Not normally required.

**Hand Protection** Chemically resistant gloves and protective skin cream  
Gloves suitable for use are: Nitrile rubber and neoprene gloves  
Gloves unsuitable for use are: Butyl rubber and Natural rubber

**Eye Protection** Wear safety glasses or full face shield if splashes are likely to occur.

**Body Protection** Overalls or similar protective apparel.

**Personal Protective Equipment** The following personal protective equipment should be worn. Safety glasses, goggles or faceshield as appropriate. Enclosed footwear. Rubber gloves. Overalls or similar protective apparel. Always wash hands before smoking, eating, drinking or using the toilet.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Colour</b>	Red
<b>Odour</b>	Characteristics
<b>Boiling Point</b>	Not applicable or not determined
<b>Melting Point</b>	Not determined
<b>Flash Point</b>	Not determined
<b>Flammable Limits</b>	Not Applicable
<b>LEL</b>	
<b>Ignition Temperature</b>	Product is not selfigniting
<b>Explosion Properties</b>	Product is not explosive
<b>Solubility in Water</b>	Not miscible
<b>Specific Gravity (H2O=1)</b>	Approximately 0.87 Kg/L @ 15°C
<b>Viscosity</b>	15-20 mm <sup>2</sup> /s (DIN 51 562) @40°C
<b>Flammability</b>	Will burn if involved in a fire. Non flammable.

## 10. STABILITY AND REACTIVITY

<b>Conditions to Avoid</b>	No decomposition if used according to specifications
<b>Materials to Avoid</b>	Oxidising agents
<b>Hazardous Decomposition Products</b>	Not dangerous decomposition products known
<b>Hazardous Reaction</b>	No dangerous reactions known

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	The product is not subject to classification according to the calculation method. when used and handled according to specifications, the product does not have harmful effects according to our actual information
<b>Acute Toxicity - Oral</b>	LD50 5000mg/kg (rat)
<b>Acute Toxicity - Dermal</b>	LD50 5000 mg/kg (rat)
<b>Ingestion</b>	May be harmful if swallowed. Ingestion can result in diarrhoea. Swallowing may result in irriation of the mouth, throat and digestive tract.
<b>Skin</b>	No adverse effects expected.
<b>Eye</b>	No irritant effect known
<b>Chronic Effects</b>	Repeated or prolonged skin exposure may result in skin irritation and in severe cases dermatitis.
<b>Other Information</b>	No sensitizing effect known.

## 12. ECOLOGICAL INFORMATION

<b>Ecological Information</b>	Aquatic toxicity: Harmful to fish For solvent Naphtha LC50/96 h 1-10 mg/l (fish)
<b>Mobility</b>	The product swims on the water surface
<b>Environ. Protection</b>	Do not allow product to reach ground water, water bodies or sewage system Danger to drinking water if even small quantities leak into soil

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**Other Information** Avoid contaminating waterways. Harmful to aquatic life.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Considerations** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.  
Smaller quantities have to be disposed in line with local legislation. After prior treatment product has to be landfilled, recycled or incinerated under adherence to the regulations pertaining to the disposal of specially hazardous waste.  
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

**Product Disposal** Recycle or dispose of in accordance with prevailing regulations, preferably to a recognised collector or contractor.

## 14. TRANSPORT INFORMATION

**Transport Information** No dangerous goods according to dangerous goods/ transport directions

**U.N. Number** None Allocated

**UN Class** None Allocated

**Packing Group** None Allocated

**Hazchem Code** None Allocated

**Proper Shipping Name** None Allocated

**Storage and Transport** Store in cool place and out of direct sunlight.

## 15. REGULATORY INFORMATION

**Regulatory Information** Observe the normal safety regulations when handling chemicals or mineral oil products  
Product is not classified hazardous according to NOHSC requirements.  
The concentrations of the dangerous compounds, which are possibly specified under section 2, are not above the value for specification. Local regulations must be kept.

**Risk Phrase** R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrase** S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

**Packaging & Labelling** Not regulated.

## 16. OTHER INFORMATION

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<b>Other Information</b>	<p>All ingredients are listed in the European Inventories. These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not established a legally valid contractual relationship. This data sheet is a safety data sheet according to 91/155/EU. For products which are not subjected to classification according to EU lists this data sheet is made on a voluntary base.</p> <p>Relevant R- Phrases</p> <p>10 Flammable</p> <p>20 Harmful by inhalation</p> <p>22 Harmful if swallowed</p> <p>36/37/38 Irritating to eyes, respiratory system and skin</p> <p>37 Irritating to respiratory system</p> <p>40 Limited evidence of a carcinogenic effect</p> <p>50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment</p> <p>51/53 Toxic to aquatic organisms, may cause long-term adverse effects in aquatic environment</p> <p>65 harmful: may cause lung damage if swallowed</p> <p>66 Repeated exposure may cause skin dryness or cracking</p> <p>67 Vapours may cause drowsiness and dizziness</p>
<b>References</b>	<ul style="list-style-type: none"><li>* NOHSC:2011 National Code of Practice for the Preparation of Material Safety Data Sheets</li><li>* NOHSC:1008 Approved Criteria for Classifying Hazardous Substances</li><li>* NOHSC:10005 List of Designated Hazardous Substances</li><li>* NOHSC:1005 Control of Workplace Hazardous Substances, National Model Regulations</li><li>* NOHSC:2007 Control of Workplace Hazardous Substances, National Code of Practice</li><li>* NOHSC:1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards</li><li>* NOHSC:3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note</li><li>* NOHSC:1015 Storage and Handling of Workplace Dangerous Goods, National Standard</li><li>* NOHSC:2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice</li><li>* SUSDP, Standard for the Uniform Scheduling of Drugs and Poisons</li><li>* ADG, Australian Dangerous Goods Code</li><li>* MSDS of component materials</li></ul>
<b>Poisons Schedule</b>	Not Scheduled
<b>Last Change</b>	Supersedes issue date: May 2005 Reason/s for revision: To comply with the EU format.
<b>Further Information</b>	Laboratory Manager (03) 9329 8200 Research & Development Chemist (03) 9329 8200

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.

...End Of SDS...