

Safety Data Sheet

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Infosafe No. 5FUKZ Issue Date : March 2006

Product Name : **FLASHLUBE PETROL INJECTOR CLEANER**

Not classified as hazardous

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name FLASHLUBE PETROL INJECTOR CLEANER
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 Supplied as additive for suitable use in injector cleaner
Other Information Visit our website: www.flashlube.com.au

2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition, information on ingredients Mixture containing severely refined mineral base oils with corrosion preventive agents and volatile hydrocarbons; 55°C < Flp. °C < 100°C
Dangerous Components / Constituents Issoctanol 5-10%
Xn; R 20-36/37/38
White Spirit 2.5-5%
Xn; R65-66
Information on Composition For the wording of the listed risk phrases refer to section 16

3. HAZARDS IDENTIFICATION

Hazards Identification Pay attention when handling mineral oil products which contain volatile components with a flashpoint <100°C. The normal precautions acc. to handling (item 7) and personal protective equipment (item 8) have to be kept.
Environmental Hazards This product is water polluting, see item 12
Can form flammable vapour-air mixtures during the application
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
Symptoms and Effects The following symptoms may occur: Headache
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.
Pay attention; skin degreasing product
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

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

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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.

Other Information Cool endangered containers with water spray jet

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 Store away from foodstuffs. Local regulations for common storage of flammable liquid have to be followed

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

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits Local regulations for critical values at the workplace are to be kept

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 Avoid close or long term contact with the skin
Chemically resistant gloves such as fluorocarbon rubber (viton) and protective skin cream
Material of gloves:
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove material can not be calculated in advance and has therefore to be checked prior to the application.

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

Colour	Blue
Odour	Characteristics
Boiling Point	Not applicable or not determined
Melting Point	Not determined
Flash Point	95°C (EN ISO 2592)
Flammable Limits LEL	Not Applicable
Ignition Temperature	Product is not selfigniting
Explosion Properties	Product is not explosive
Solubility in Water	Not miscible
Specific Gravity (H ₂ O=1)	Approximately 0.86 Kg/L @ 15°C (DIN 51 562)
Viscosity	Approximately 22 mm ² /s @40°C (DIN 51 562)
Flammability	Will burn if involved in a fire. Non flammable.

10. STABILITY AND REACTIVITY

Conditions to Avoid	No decomposition if used according to specifications
Materials to Avoid	Oxidising agents
Hazardous Decomposition Products	Not dangerous decomposition products known
Hazardous Reaction	Can form explosive mixtures in air if heated above flash point and/or when spray or atomized

11. TOXICOLOGICAL INFORMATION

Toxicology Information	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
Ingestion	May be harmful if swallowed. Ingestion can result in diarrhoea. Swallowing may result in irritation of the mouth, throat and digestive tract.
Skin	No adverse effects expected.
Eye	No irritant effect known
Chronic Effects	Repeated or prolonged skin exposure may result in skin irritation and in severe cases dermatitis.
Other Information	No sensitizing effect known.

12. ECOLOGICAL INFORMATION

Ecological Information	The product swims on the water surface
Mobility	Data not available
Environ. Protection	Do not allow product to reach ground water, water bodies or sewage system Danger to drinking water if even small quantities leak into soil
Other Information	Avoid contaminating waterways. Harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

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Disposal Considerations 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 the 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.

Safety Phrase S1/2 Keep locked up and out of reach of children.
S24/25 Avoid contact with skin and eyes.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Packaging & Labelling Not regulated.

16. OTHER INFORMATION

Other Information 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 establish 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.

Relevant R- Phrases

20 Harmful by inhalation

36/37/38 Irritating to eyes, respiratory system and skin

65 harmful: may cause lung damage if swallowed

66 Repeated exposure may cause skin dryness or cracking

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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

Poisons Schedule

Not Scheduled

Last Change

Supersedes issue date: June 2005
Reason/s for revision: To comply with the EU format.

Further Information

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...