

Safety Data Sheet



FUEL KLEEN

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Fuel Kleen
Product Code	1FK
Product Use	Diesel bug killer
Company Name	Sure Kleen Products Pty. Ltd.
Address	9 Agett Road Malaga WA 6090
Emergency Telephone	1800 057 377
Telephone	(08) 92487444
Fax	(08) 92487733
Web	www.surekleeproducts.com.au

2. HAZARDS IDENTIFICATION

Hazardous Nature:

Not Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail;

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

Classification of the substance or mixture:

Serious Eye Damage / Eye Irritation - Category 2A



Signal Word: Warning

Hazard Statement(s):

H319 Causes serious eye irritation.

Precautionary Statement(s):**Prevention:**

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Storage:

None allocated.

Disposal:

P501 Dispose of contents/container in accordance with local / regional / national /international regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

	Ingredient	CAS No.	Proportion
	Diethylene glycol monobutyl ether	112-34-5	10 - 30%
	Dipropylene glycol monomethyl ether	34590-94-8	10 -30%
	Methanol	67-56-1	<3%
	Non-hazardous ingredients	-	30 - 60%

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4. FIRST AID MEASURES

Inhalation	Remove victim from exposure. Seek medical attention if ill-effects persist.
Ingestion	Rinse mouth with water. Do not induce vomiting. Give glass of water to drink and seek immediate medical attention.
Skin	Remove contaminated clothing and flush affected area with running water. Wash contaminated clothing before re-use.
Eye	If in eyes, hold eyelids apart and irrigate with clean water for 15 minutes. Seek immediate medical attention.
First Aid Facilities	Eye wash station.
Advice to Doctor	Treat symptomatically. Contact a Poisons Information Centre (Australia 13 11 26).

5. FIRE FIGHTING MEASURES

Extinguishing Media	For large fires use water fog, fine water spray or foam. Do not use water jets. For small fires use foam, dry chemical, carbon dioxide or water spray.
Hazards from Combustion Products	Combustible liquid. On burning will emit toxic fumes including those of carbon monoxide and carbon dioxide.
Precautions for Fire Fighters	Wear self-contained breathing apparatus if there is risk of exposure to vapour or combustion products. Cool containers with water to prevent containers from rupturing.
Hazchem Code	None assigned

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Small spills can be wiped up or cleaned up with absorbent material such as clay (kitty litter) or vermiculite. In the event of a major spill, personnel involved in the clean up should wear appropriate protective clothing as specified in Section 8. Spilled material is slippery. Clean up spills immediately to prevent further accidents. Evacuate all unnecessary personnel. Increase ventilation. Stop leak if safe to do so. Do not let product reach drains or waterways. If product does enter a waterway advise the environmental protection authority or your local waste management authority.
Spills & Disposals	Contain and recover liquid where possible. Use material such as earth to contain spill and pack residue into appropriate containers for disposal at approved site. Wash affected area with water to remove residual material.

7. HANDLING AND STORAGE

Storage	Store in original container in a cool, well ventilated area out of direct sunlight. Keep containers closed when not in use. Do not store near strong oxidising agents or foodstuffs.
Handling	Avoid skin and eye contact and inhalation of mists or vapour. Use with good ventilation. Wash hands and other exposed areas with soap and water immediately after handling and before eating, drinking, smoking or using the toilet. Wash contaminated clothing and protective equipment before storage or re-use.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Standards	No exposure standard has been established for this product by Safe Work Australia. The exposure standards for ingredients are: Dipropylene glycol monomethylether TWA 308 mg/m ³ Skin Methanol TWA 262 mg/m ³
Biological Limits	None allocated.
Engineering controls	No special engineering controls required. Use with good general ventilation. If mists or vapours are generated, a system of local and/or general exhaust is recommended to keep employee exposure as low as possible. Local exhaust ventilation is preferable as it can control emissions at source preventing dispersion into the general work area.

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Personal Protective Equipment	<p>No special equipment is needed when occasionally handling small quantities. Where bulk handling is taking place or where regular exposure may occur in an occupational environment, personal protection should include gloves, eye protection and clothing as specified below.</p> <p>Eye Protection: Safety glasses with side shields or chemical goggles (AS 1336/1337).</p> <p>Glove Type: Impervious PVC, rubber or nitrile gloves (AS 2161).</p> <p>Clothing: Overalls and safety boots or shoes.</p> <p>Respirator: Where ventilation is inadequate, wear an approved organic vapour respirator complying with AS 1716.</p>
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear blue liquid
Odour	Characteristic mild odour
pH (neat)	Not determined
Vapour Pressure	Not determined
Vapour Density	Not determined
Boiling Point/Range	>180°C
Freezing/Melting point	<-10°C
Solubility in Water	Partially soluble
Specific Gravity	0.9 – 0.95
Flash Point	75°C
Flammable Limits	Not flammable
Other Information	Combustible

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Excessive heat will cause oxidative degradation.
Materials to Avoid	Strong oxidising agents.
Hazardous Reactions	Prolonged contact with aluminium or aluminium alloys may result in evolution of highly flammable hydrogen gas.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	No adverse health effects expected if material is handled in accordance with the Material Safety Data Sheet.
Inhalation	When used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour, mist or aerosols may cause irritation to mucous membranes and respiratory tract, headache and nausea.
Ingestion	Ingestion may cause nausea, vomiting, diarrhoea, headache, dizziness, drowsiness, central nervous system depression and loss of consciousness.
Skin	Contact with skin may result in irritation. Can be absorbed through the skin. If absorbed in large amounts, effects can include those listed under 'Ingestion'.
Eye	A moderate to severe eye irritant.
Toxicity Data	<p>Diethylene glycol monobutyl ether Oral LD50 (rat): 6560 mg/kg; Dermal LD50 (rabbit): 2800 mg/kg; Eyes (rabbit): Moderate irritant (0.1 mL)</p> <p>Dipropylene glycol monomethyl ether Oral LD50 (rat): 5177 - 5225 mg/kg; Dermal LD50 (rabbit): 10,000 - 14,000 mg/kg; Eye (rabbit): Mild irritant; Skin (rabbit): Mild irritant.</p>

12. ECOLOGICAL INFORMATION

Ecotoxicity	Harmful to aquatic organisms. Do not contaminate natural waterways with the product or used container.
Persistence and Degradability	Some components of this product are not readily biodegradable according to AS 4351 Part 2 Test Method.
Mobility	No data available for this product.

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13. DISPOSAL CONSIDERATIONS

Waste Disposal	Refer to waste management authority. Normally suitable for disposal at approved waste site. Containers should be thoroughly rinsed and recycled.
Legislation	Dispose of in accordance with applicable local and national regulations. Contact a specialist waste company or local regulator for advice.

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the criteria of the ADG Code

U.N. Number	None allocated
Proper Shipping Name	None allocated
Class and Subsidiary Risk(s)	None allocated
Packing Group	None allocated
Special Precautions	None allocated
Hazchem Code	None allocated

15. REGULATORY INFORMATION

Poisons Schedule	Not scheduled
AICS	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Contact Point	John Browner
Title	Technical Manager
Telephone	08 92487444
After Hours	1800 057 377

The information contained in this Safety Data Sheet is believed to be accurate and reliable; however, Sure Kleen Products shall not be liable for any inaccuracy in the information or for any loss, injury or damage whatsoever arising from the use of this product as conditions and methods of use are beyond our control. Users should read this Safety Data Sheet and evaluate the information in the context of how the user intends to handle and use the product in the workplace including the use of this product with other products.

End of Report