

**1. IDENTIFICATION OF THE MATERIAL AND THE COMPANY**

Product name: FUEL SET™

Other names: Fuel Conditioner

Recommended Use: Fuel additive concentrate for diesel and petrol fuels

Supplier: Liquid Engineering

Street Address: 117 Lower Blackwood Road
Kojonup, Western Australia 6395

Telephone: +61 9387 8737

Facsimile: +61 8 9387 8237

Emergency telephone number: +61 413 202 991

2. HAZARDS IDENTIFICATION

This material is classified as hazardous according to health criteria of NOHSC Australia.

Hazard Classification: Irritant (Xi)

Risk Phrases: R36/38 – Irritating to eyes and skin

Safety Phrases: S24/25 – Avoid contact with skin and eyes

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS		
Chemical Name	CAS Number	Proportion
Alcohol Ethoxylates		30 – 60%
Alkoxy propanols		30 – 60%
Solvents		30 – 60%
Dyes		<1%

4. FIRST AID MEASURES

Swallowed: For advice, contact a Poisons Information Centre (Phone 131126) or a doctor at once. Rinse mouth with water. Give water to drink. Do NOT induce vomiting.

Eye: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek medical assistance.

Skin: If skin or hair contact occurs, remove contaminated clothing and wash skin and hair with soap and water. If irritation occurs, seek medical advice. Wash contaminated clothing before re-use.

Inhaled: If inhaled, remove victim from exposure. Allow victim to assume most comfortable position and keep warm. If effects persist, seek medical advice.

Notes to physician: Treat symptomatically



5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water fog (or fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: This product is a combustible liquid. Thermal decomposition may generate oxides of carbon.

Special protective equipment: Fire fighters must use self-contained breathing apparatus, if risk of exposure to products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to avoid skin, eye and respiratory irritation.

Contain spill with absorbent material such as sand or vermiculite – prevent run off into drains and waterways. Collect and place in properly labelled containers for disposal. Flush spill area with water after clean up.

Dispose of according to Federal, State and Local Regulations.

7. HANDLING AND STORAGE

Precautions for safe handling: Classified as a Combustible Liquid for the purposes of storage and handling. Refer to the appropriate Regulations for storage and transport requirements.

Conditions for safe storage: Store in a cool, well-ventilated area away from strong oxidising agents. Keep containers closed and check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).

Engineering controls: Use in a well-ventilated area. Avoid generating and inhaling mists. Keep containers closed when not in use.

Personal protective equipment: Wear overalls, safety shoes, chemical goggles and gloves. Avoid skin and eye contact. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or reuse. If there is a risk of inhalation of vapour or spray mists, wear an organic vapour respirator meeting the requirements of AS1715 and AS1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, green mobile liquid.

Odour: Mild odour

pH (10g/L): 7

Vapour pressure: Not available

Vapour density: Not available

Boiling Point (°C): >120

Flash Point (°C): >67

Solubility in water: Completely miscible

Specific gravity (20°C): 0.98

**10. STABILITY AND REACTIVITY**

Chemical stability: This product is normally stable.

Incompatible materials: Incompatible with strong oxidising agents.

Hazardous decomposition products: Thermal decomposition may generate oxides of carbon.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Swallowed: Ingestion can cause nausea, vomiting, headache, drowsiness, central nervous system depression and loss of consciousness.

Eye: An eye irritant.

Skin: Contact with skin may result in irritation. Can be absorbed through the skin. Effects can include those listed under 'swallowed'.

Inhalation: Inhalation of mist may cause respiratory irritation.

Toxicity data: LD₅₀ (oral, rat) > 5,000 mg/kg
LD₅₀ (dermal, rabbit) > 10,000 mg/kg

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal facility.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code for transport by Road or Rail.

15. REGULATORY INFORMATION

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**16. OTHER INFORMATION**

Date of issue: 03.06.2010

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Review Date:	January 2015

This Material Safety Data Sheet summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and how to safely handle and use the product. Since Liquid Engineering 2003 Pty Limited cannot anticipate or control the conditions under which the product may be used, prior to use, all users should satisfy themselves that they have all current data relevant to their particular use.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

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