



Product Name **DIESEL 4000**

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name	Dyna Fuels Australia Pty Ltd
Address	94-38-40 Popes Road Keysborough Vic 3173
Telephone	0405749145
Fax	
Emergency	0405749145
Web Site	www.dynafuels.com
Synonym(s)	DF – PRODUCT CODE
Use	Fuel additive; hydrocarbon fuel additive.

2. HAZARDS IDENTIFICATION

GLOBALLY HARMONISED SYSTEM (GHS)

Hazard Classification	Serious eye irritation, Category 2A Skin irritation, Category 2
Signal Word	WARNING

Pictograms

Causes skin irritation
Causes serious eye irritation

Precautionary Statements

Preventative

P264 Wash hands thoroughly after handling.
P280 Wear protective gloves and eye protection.

Response

P305+P351+P358 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P337+P313 If eye irritation persists: Get medical attention.
P332+P313 If skin irritation occurs: Get medical attention.
P362 Take off contaminated clothing and wash before reuse.

Hazard Statements



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DANGEROUS GOODS CLASSIFICATION (ADG Code)

Not classified as a dangerous good by the criteria of the Australian Dangerous Goods Code (ADG Code).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
Ethoxylated fatty alcohol surfactant	Not available	68131-39-5	>30%
Ethylene glycol monobutyl ether	C8H18O3	112-34-5	<20%
Anionic surfactants	Not available	Not available	< 40%
Non-hazardous ingredients	Mixture	Not available	to 100%

4. FIRST AID MEASURES

Eye	Hold eyes open and flush immediately with large amounts of water for at least 15 minutes. Get medical attention immediately.
Inhalation	Remove to fresh air. Apply artificial respiration if not breathing.
Skin	If skin or hair contact occurs, remove contaminated clothing and wash skin and hair with soap and water.
Ingestion	If swallowed, do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. For further advice, contact a doctor or Poisons Information Centre on 13 11 26.
First Aid Facilities	Safety shower and eye wash station.
Medical attention and special treatment	Treat Symptomatically.
Symptoms caused by exposure	Eye: Blurring of vision, burning, pain and redness. Inhalation: Respiratory irritation, dizziness and nausea. Skin: Irritation and redness. Ingestion: Nausea and vomiting.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Dry agent, carbon dioxide, water fog or foam. Do not use water in a jet as this may spread the fire.
Specific hazards arising from the chemical	Combustible. May evolve toxic gases when heated to decomposition.
Special protective equipment and precautions for fire fighters	Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combatting fire. Use water fog to cool intact containers and nearby storage areas.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Material is slippery. Clean up spills immediately to prevent further accidents. Wear personal protective equipment as specified in Section 8. Avoid contact with spilled or released material. Shut off leaks, if safe to do so. Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Environmental precautions Prevent from spreading and entering waterways by using sand, earth or other non-combustible material.

Methods and materials for containment and cleaning up Clean up small spills with an appropriate absorbent material such as vermiculite, sand or similar non-combustible material and dispose of safely. For large spills, contain and transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Wash contaminated area with water.

7. STORAGE AND HANDLING

Precautions for safe handling

Before use carefully read the product label. Use safe work practices to avoid eye or skin contact and inhalation of vapour. Use product only in well-ventilated areas. Observe good personal hygiene, including washing hands before eating, drinking or smoking. Prohibit eating, drinking and smoking in contaminated areas.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, removed from oxidising agents, acids, alkalis, heat or foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should have appropriate fire protection systems. Store as a Class C1 Combustible Liquid (AS1940).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards Biological Limits Engineering Controls

None allocated.
None allocated.
No special engineering controls required when used in small quantities. Use with good general ventilation.

Individual protective measures and personal protective equipment (PPE)

Eye Protection: Face shield and/or splash-proof chemical goggles.
Glove Type: Rubber or PVC.
Clothing: When using large quantities or where heavy contamination is likely, wear coveralls.
Respirator: Where an inhalation risk exists, wear a Type A (organic vapour) respirator.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear coloured liquid	Solubility (Water)	Soluble
Odour	Slight	Specific Gravity	0.95 – 1.05
Vapour Pressure	2mmHg @20°C	% Volatiles	10%

Vapour Density	Not determined	Flammability	Class C1 Combustible
Boiling Point	>120°C	Flash Point	>95°C
Melting Point	Not determined	Upper Explosion Limit	Not determined
Evaporation Rate	Not determined	Lower Explosion Limit	Not determined

10. STABILITY AND REACTIVITY

Reactivity	Stable under recommended conditions of storage and use.
Chemical Stability	Stable under recommended conditions of storage and use.
Conditions to Avoid	Keep away from heat, sparks, open flame and other ignition sources.
Incompatible materials and possible hazardous reactions	Keep away from strong oxidising agents, strong acids and alkalis. No hazardous reactions known.
Hazardous decomposition products	Will evolve toxic gases including carbon oxides and hydrocarbons when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Low toxicity. Use safe work practices to avoid eye or skin contact and inhalation of vapour.
Eye	Severe irritant. Contact may result in irritation, lacrimation, pain and redness.
Inhalation	Low irritant. Over exposure may result in irritation of the nose and throat, with coughing. Due to the low vapour pressure, an inhalation hazard is not anticipated with normal use.
Skin	Irritant. Contact may result in drying and defatting of the skin, rash and dermatitis.
Ingestion	Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.
Toxicity Data	No data available for this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Limited ecotoxicity data was available for this product at the time this report was prepared. Based on the ingredients it is likely to be toxic to aquatic life. Ensure appropriate measures are taken to prevent this product from entering the environment
Persistence and Degradability:	Expected to be inherently biodegradable.

Mobility in soil	No data available.
Bioaccumulative potential	None of the ingredients are known to have the potential to bioaccumulate.
Other adverse effects	None known.

13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods	Recover or recycle if possible. Refer to local waste management authority for other approved methods. Product must be contained and not disposed of in sewerage systems, drains or waterways.
Disposal of contaminated packaging	Empty packaging should be disposed of in accordance with local, state, and federal regulations or recycled/reconditioned at an approved facility.
Environmental regulations	Dispose of in accordance with relevant local, state and federal legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE

15. REGULATORY INFORMATION

AICS	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).
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16. OTHER INFORMATION

Additional Information The effects from exposure to this product depend on several factors including frequency and duration of use, the amount used, control measures adopted, protective equipment used and method of use. It is impractical to prepare a data sheet that encompasses all possible situations; therefore it is anticipated that users will assess the risks and apply control methods as appropriate.

Report Status

This document is based on the best available information at the time of issue and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for this product. While all due care has been taken to include accurate and up-to-date information, no warranty as to accuracy or completeness is provided. As far as lawfully possible, Chemsol accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of reliance on the information contained in this Safety Data Sheet.

**Prepared By
Revision Number
Date Prepared**

Dyna Fuels Australia
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20 March 2019

End of Report