



SAFETY DATA SHEET

PRODUCT NAME: TS40 FD FULL SYNTHETIC TWO STROKE OIL

PRODUCT CODE: TS40FD.SYN

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name TRU-BLU OIL AUSTRALIA PTY LTD
Address 6 Dunlop Court, Bayswater, Victoria, AUSTRALIA, 3153
Telephone (03) 9720 4400
Fax (03) 9720 5821
Emergency 0412 609 722
Email technical@trubluoil.com.au
Web Site <http://www.trubluoil.com.au>
Use(s) 2 Stroke JASO FD • 2 Stroke Oil
Use(S) Motor Oil - 2 Stroke • Two Stroke Oil
SDS Date 17th October 2025

2. HAZARDS IDENTIFICATION

Dangerous Good Classification:

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

Classified as a C2 (Combustible Liquid) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

Signal word:

Danger

Hazard statements:

H304: May be harmful if swallowed and enters airways.



Hazard pictograms:

Precautionary statements:

Prevention: P280 - Wear eye or face protection.
P264 - Wash hands thoroughly after handling.



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Response: P332 + P313 - If skin irritation occurs: Get medical attention.
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 attention.

Storage: Not applicable.

Disposal: P501: Dispose of contents/container to in accordance with local/national/international regulation.

Other hazards which do not result in classification.

Defatting to the skin.

USED ENGINE OILS:

Used engine oil may contain hazardous components which have the potential to cause skin cancer.

UN No. None Allocated **DG Class** None Allocated **Subsidiary Risk(s)** None Allocated

Packing Group None Allocated **Hazchem Code** None Allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
BASE OILS	Not Available	Not Available	>90%
ADDITIVE(S)	Not Available	Not Available	<10%

4. FIRST AID MEASURES

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

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).
If swallowed, do not induce vomiting.

Advice to Doctor Treat symptomatically.



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5. FIRE FIGHTING MEASURES

Flammability	Combustible. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.
Fire & Explosion	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 combating fire. Use water fog to cool intact containers and nearby storage areas.
Extinguishing	Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways.
Hazchem Code	None Allocated.

6. ACCIDENTAL RELEASE MEASURES

Small Spills:	Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent clean rags or paper towels.
Large Spills:	If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Work upwind or increase ventilation. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other) inert material. Use a spark free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred, advise local emergency services.

NOTE: product slippery when spilt.

7. STORAGE AND HANDLING

Handling	Before use, carefully read product label. Use of safe work practices are recommended to avoid eye or skin contact. Avoid inhalation of vapour, mist or aerosols. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.
Storage	Store in a cool, dry, well ventilated area, removed from oxidising agents, acids, alkalis, heat or ignition sources and 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 C4 Combustible Liquid (AS1940).



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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Standards:

Ingredient	Reference	TWA		STEL	
Diesel fuel (ACGIH)	SWA (AUS)	--	100 mg/m ³	--	--
Mineral oil mist	SWA (AUS)	--	5 mg/m ³	--	--

Biological Limit Values:

As per the "National Model Regulation for the Control of Workplace Hazardous Substances (Safe Work Australia)", the ingredients in this material do not have a Biological Limit allocated.

Personal Protection Equipment:

Safety shoes, Overalls, Gloves, Safety Glasses.

Wear splash-proof goggles and rubber or PVC gloves. However, due to variations in glove construction and local conditions, the user should make a final assessment.

When using large quantities or where heavy contamination is likely, wear

coveralls. Where an inhalation risk exists, wear: a Type A (Organic

vapour) respirator.

With prolonged use, wear: viton (R) or nitrile gloves and coveralls. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or reusing.



Hygiene measures:

Keep away from food, drink, and animal feeding stuffs. When using, do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	BLUE LIQUID	Solubility (water)	INSOLUBLE
Odour	CHARACTERISTIC ODOUR	Specific Gravity	0.848
pH	NOT RELEVANT	% Volatiles	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	Flammability	CLASS C1 COMBUSTIBLE
Vapour Density	NOT AVAILABLE	Flash Point	124°C
Boiling Point	NOT AVAILABLE	Upper Explosion Limit	NOT AVAILABLE
Melting Point	NOT AVAILABLE	Lower Explosion Limit	NOT AVAILABLE
Evaporation Rate	NOT AVAILABLE		
Viscosity	47.1 cSt @ 40°C		

10. STABILITY AND REACTIVITY

Chemical Stability:	This material is thermally stable when stored and used as directed.
Conditions to Avoid:	Avoid heat, sparks, open flames and other ignition sources.
Materials to Avoid:	Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. hydroxides), heat and ignition sources
Hazardous Decomposition Products: when	May evolve toxic gases (carbon oxides, hydrocarbons, formaldehyde) heated to decomposition.
Hazardous Reactions:	Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Eye	Low to moderate 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.
Skin	Low irritant. Prolonged or repeated contact may result in mild irritation, rash and dermatitis.
Ingestion	Low toxicity. Ingestion of large quantities may result in nausea, vomiting, abdominal pain, diarrhoea, and drowsiness. Aspiration may result in chemical pneumonitis and pulmonary oedema.
Toxicity Data	DISTILLATE - DIESEL FUEL (68334-30-5) LD50 (Ingestion): 7500 mg/kg (rat)



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12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Environment	Mineral oils biodegrade slowly and should not be released to waterways or soil. They can float on water, restricting oxygen exchange with possible asphyxiation of aquatic life.
Ecotoxicity	Not classified as dangerous to the aquatic environment.
Persistence / Degradability	Expected to be inherently biodegradable.
Mobility	Low solubility and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international regulations.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

Shipping Name	None Allocated	Packing Group	None Allocated	Hazchem Code	None Allocated
UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risks(s)	None Allocated

15. REGULATORY INFORMATION

Poison Schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).



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16. OTHER INFORMATION

Additional Information

MINERAL OILS - SOLVENT REFINED; Animal experiments and human experience have not shown cancer risks when handling solvent refined mineral oils, unlike non refined mineral oils. CLEANING MINERAL OIL CONTAMINATED CLOTHING; Cleaners are advised that when cleaning oil contaminated clothing it is essential that freshly distilled solvent is used for each batch, including final rinse, as even filtered solvent will leave oil residues.

MINERAL OILS - USED; Used mineral oils in engine crankcases and other high temperature/high stress environments may contain potentially harmful residues, some of which have been shown to cause irreversible skin effects, including cancer. Prolonged and repeated inhalation of mists associated with used mineral oils may result in pulmonary fibrosis.

MINERAL OILS - INJECTION; Where high pressure applications are used the risk of accidental injection under the skin exists and may result in an extremely painful and serious injury requiring immediate medical attention. Depending on the pressure used, mineral oils may be injected a considerable distance below the skin and may cause permanent tissue damage. SEEK IMMEDIATE MEDICAL ATTENTION. EXERCISE EXTREME CARE WHEN USING HIGH PRESSURE EQUIPMENT.

ABBREVIATIONS: ADB - Air-Dry Basis.

BEI - Biological Exposure Indices

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds. CNS - Central Nervous System.

EC No - European Community Number.

IARC - International Agency for Research on Cancer. M - moles per litre, a unit of concentration.

mg/m³ - Milligrams per cubic metre.

NOS - Not Otherwise Specified.

NTP - National Toxicology Program.

OSHA - Occupational Safety and Health Administration.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline). ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

TWA/ES - Time Weighted Average or Exposure Standard.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a SDS which would encompass all possible scenarios, it is anticipated that the end user will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this SDS is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered by the end user before final selection of personal protective equipment is made.



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REPORT STATUS:

This SDS has been prepared by Tru-Blu Oil using the most current information available at the time of issuing. Tru-Blu Oil accepts no liability (as lawfully allowed) for any loss, injury or damage which may have been suffered or incurred by any person as a consequence of their reliance on information that is contained in this SDS.

SDS Date: 17th October 2025
End of SDS