



# TRU-BLU OIL AUSTRALIA PTY. LTD.

A.B.N. 12 052 169 052

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100% Australian Made  
100% Australian Owned

Issue date: 25 September 2005

## MATERIAL SAFETY DATA SHEET RX LS90 GEAR OIL

Issue Status ISSUED by  
Date SEPT 2005 TRU-BLU OIL AUSTRALIA PTY LTD

**Classified as not hazardous according to criteria of NOHSC**

### COMPANY DETAILS

Company Name: TRU-BLU OIL AUSTRALIA PTY LTD

Address: 6 DUNLOP COURT  
BAYSWATER, VICTORIA, 3153

Tel / Fax: Tel (03) 9720 4400 Fax (03) 9720 5821

Other

Information: Website: [www.trubluoil.com.au](http://www.trubluoil.com.au)

### IDENTIFICATION

Product Name: RX LS90 Gear Oil

Other Names: Limited Slip LS90 Gear Oil

Shipping Name: None allocated

Hazchem Code: None allocated.

Product Use: Gear oil for Limited Slip automotive gearboxes/differentials

### PHYSICAL DATA

Appearance: Clear & bright amber liquid.

Boiling Point: Not available

Vapour Pressure: Not applicable

Specific Gravity

(H<sub>2</sub>O = 0) 0.89 (Water = 1)

Flash Point: 215° C Minimum (COC)

Flammability: Not available

Volatile Component: Not available

Solubility in water: Insoluble.

### OTHER PROPERTIES

Auto Ignition Temp: Not available.

Vapour temp density: N/A (cf Air=1).

pH Value: Not applicable.

Viscosity @ 100° C: 19 cSt (Typical)

Evaporation Rate: Not available

PH Value: Not applicable

Viscosity Stability: Stable under normal conditions handling and transport.

Polymerization: Will not occur.

Materials to Avoid: Strong oxidising agents.

## **INGREDIENTS**

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Highly refined mineral hydrocarbons.	64742-65-0	> 80 %
	Additives which may include detergents, pour point depressant, anti-foam agent, or rust and oxidisation inhibitor.	Mixture	< 20 %
Information on Composition:	No component is present at sufficient concentration to require a hazardous classification.		

## **HEALTH HAZARD INFORMATION**

### **HEALTH EFFECTS**

- Acute-Swallowed:** May cause irritation to the gastrointestinal tract with nausea, vomiting and diarrhea if more than several mouthfuls swallowed.
- Acute- Eye:** Eye contact may cause irritation.
- Acute- Skin:** May cause mild irritation on brief contact. Repeated or prolonged contact may dry and defat the skin, resulting in irritation and possible dermatitis.
- Acute- Inhaled:** Inhalation of vapours or mists in confined poorly ventilated areas or at elevated temperatures may cause respiratory system irritation, other pulmonary effects, headaches, dizziness and nausea.
- Chronic:** Prolonged or repeated contact may result in skin irritation leading to dermatitis. Repeated exposure to vapour or mist at concentrations in air that exceed exposure standards can cause respiratory irritation, discomfort or other pulmonary effects.
- Toxicology:** The main constituents of this product are in accordance with Note L of the NOHSC Designated List of Hazardous Substances, the manufacturer has had the main constituents tested in accordance with IP346 and contain less than 3% polyaromatics.

### **FIRST AID MEASURES**

- Inhalation:** Move the victim to fresh air. Ensure airways are clear. If breathing is difficult or irritation develops and persists seek medical attention.
- Ingestion:** DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Do not give anything by mouth to unconscious person. Seek medical attention.
- Skin:** Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard.
- Eye:** If contact with the eye(s) occur, wash with copious amounts of water for approximately 15 minutes holding the eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation persists seek medical attention.
- Advice to Doctor:** Treat Symptomatically.

# OTHER HEALTH HAZARD INFORMATION

## PRECAUTIONS FOR USE

**Exposure Limits:** NOHSC has assigned the following exposure standards for oil mists;

SUBSTANCE	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Oil mist, mineral	-	5	-	10

**Eng. Controls:** Local exhaust ventilation may be required if mists or vapours are generated. The use of respiratory equipment is recommended.

## PERSONAL PROTECTION

**Respirator Type** Type (AS 1716) where vapours, mists or spray is generated and exposure standards are exceeded, select and use respirators in accordance with AS/NZS 1715/1716. The use of an approved respirator with organic vapour and dust / mist filters. Filter capacity and respiratory type depends on exposure levels for each individual circumstance.

**Eye Protection:** Safety glasses or face shield as appropriate.  
Reference should be made to the Australian standard AS/NZS – Eye Protectors for Industrial Applications.

**Glove Type:** Any routine contact with this material should require the use of protective clothing such as gloves or apron made of neoprene, nitrile, or n-butyl rubber suitable for the application.

## FLAMMABILITY

**Fire Hazard:** Class C2 Combustible liquid. Remove all sources of ignition and heat.

# SAFE HANDLING INFORMATION

## STORAGE AND TRANSPORT

**Storage Precaution:** Store in a cool dry, well-ventilated area away from sources of Ignition. This product should be stored away from food stuffs and strong oxidising agents. Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimised. Water contamination should be avoided. For information on storeroom design reference should be made to Australian Standard AS1940, The Storage and Handling of Flammable and combustible liquids.

**Transport:** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**Handling:** Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all that come in contact with this material maintain high standards of personal hygiene, i.e. Washing hands before eating, drinking or going to the toilet. Build up of mists in the

work place must be prevented. Avoid misuse of empty containers, as they can be hazardous. Do not cut or weld, heat or drill containers, as residue may ignite with explosive violence. Do not pressurise or expose to open flame. Keep container closed with bung in place.

## **SPILLS AND DISPOSAL**

**Spills and Leaks:** Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert absorbent material such as vermiculite, sand or dirt onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain prevent contamination of drains and waterways. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

**Disposal:** This material may present environmental risk common to all oil spills. Dispose of according to federal, E.P.A., State and local regulations. Assure conformity with all applicable regulations.

## **FIRE / EXPLOSION HAZARD**

**Fire/ Explos. Haz.** Combustible liquid. This product will burn if exposed to fire.

**Combustion Products:** Carbon monoxide, carbon dioxide, aldehydes, ketones, combustion products of nitrogen or sulphur.

**For fires involving this material, do not enter any enclosed or confined space without approved self-contained breathing apparatus (S.C.B.A.) to protect against the hazardous effects of combustion products or oxygen deficiency.**

**Extinguishing Media:** Water fog, CO<sub>2</sub> or dry chemical powder may be used. Water or foam may cause frothing. Water maybe used to cool and protect exposed containers. If a leak or a spill has not ignited, use water to disperse the vapours and to provide protection for the persons attempting to stop the leak.

**Hazardous Reaction:** DECOMPOSITION: Carbon monoxide and dioxide smoke and fumes .  
REACTIVITY: May react with strong oxidising materials.

**Hazchem Code:** None allocated.

## **OTHER INFORMATION**

**Environment** This material may present environmental risks common to all oil spills. This product or a component (s) is expected to be resistant to biodegradation. Prevent from entering the environment.

**References:** REGULATIONS SPECIFICALLY APPLICABLE TO CHEMICAL PRODUCT: COMMONWEALTH OF AUSTRALIA: Respirators must follow AS1715/1716 standard for approved respirators.  
NEW ZEALAND NZS 1715 / 1716.  
AUSTRALIAN POISONS SCHEDULE: Not applicable.  
NZ DANGEROUS GOODS CLASS: Not applicable.

## **EMERGENCY CONTACTS**

**24 Hour Emergency Contact: (National Emergency Response) 1 800 638 556.**

### **Tru-Blu Oil Australia Pty Ltd**

**Murray Crawford           (03) 5941-1763   (0412) 609 722**  
**after hours contact:**

**NOTE:** The information provided herein is to the best of our knowledge true and accurate but all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. It is the user's obligation to evaluate and use the product safely and to comply with all applicable laws and regulations.

**END OF MSDS**