

# BICYCLE OIL

## MATERIAL SAFETY DATA SHEET

MSDS No: Product Name: Manufacturers Code: Date:	BICYCLE OIL BO100 1 February 2009	<b>QUICK SMART PRODUCTS</b> <b>53 ASSEMBLY DRIVE</b> <b>TULLAMARINE VIC 3043</b> <b>(03) 9338 6655 (BH)</b> <b>(03) 9336 7945 (AH)</b>
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**STATEMENT OF HAZARDOUS NATURE:**      *NON HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA*

### **IDENTIFICATION**

<b>U/N No</b>	NA	<b>Main Class</b>	NA
<b>Subsidiary Risk:</b>	NA	<b>HAZCHEM</b>	NA
<b>Poisons Schedule:</b>	NA	<b>CAS No</b>	NA

### **PHYSICAL DESCRIPTION / PROPERTIES**

<b>Appearance:</b>	Clear & Bright Oily Liquid	<b>Odour:</b>	Oily Odour
<b>Density</b>	@15°C 0.910Kg/L	<b>Vapour Pressure</b>	
<b>Flash Point</b>	210°C typically	<b>Non Piloted Ignition Temp</b>	
<b>Solubility</b>	Insoluble	<b>Reactivity Hazards</b>	Reacts with oxidising agent.
<b>Kinematic</b>	NA	<b>Viscosity</b>	NA

<b>Hazardous Decomposition:</b>  <b>Conditions to Avoid:</b>	Thermal decomposition can produce a variety of compounds, which depends on decomposition conditions. Incomplete combustion / thermal decomposition will generate smoke, carbon dioxide and hazardous gases, which include carbon monoxide.  Under normal use, product is unlikely to react in a hazardous manner. Spillage may penetrate the soil causing ground water contamination. Product is inherently biodegradable, no evidence to suggest bioaccumulation will occur. Spills on water may form a film causing physical damage to organisms, oxygen transfer could also be impaired.
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### **INGREDIENTS:**

Chemical Entity	CAS NO	PROPORTION	
A complex mixture of paraffinic, naphthenic and aromatic hydrocarbons as a refined mineral oil mixture.		VHIGH >. 60%	

### **SAFE HANDLING INFORMATION**

<b>Storage &amp; Transport:</b>	Classified as a C2 Combustible Liquid for the purpose of storage and handling. Store in a well ventilated place away from ignition sources, oxidizing agents, foodstuffs and clothing. Keep containers closed when not in use. Dispose of any soaked material as soon as possible.
<b>Spills &amp; Leaks:</b>	Slippery when spilt. Avoid accidents. Clean up immediately. Wear protective equipment to prevent skin and eye contact and inhalation of vapours. Contain using sand or soil – prevent run off into sewers, drains and waterways, advise local authorities immediately if release into sewer and / or waterways is expected to have occurred. Collect by vacuum truck or absorbent material and seal in properly labelled drums for disposal. Wash area down with detergent and excess water.
<b>Waste Disposal:</b>	Refer to State Land Waste Management Authority.
<b>Fire &amp; Explosion Data:</b>	Combustible liquid, will burn if involved in a fire, but not considered a significant fire risk. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapour or products of combustion. Keep storage tanks, pipelines, fire exposed surfaces cool with water spray. Shut off any leak, if safe to do so and remove from ignition sources.
<b>Extinguishing Media:</b>	Cooling by water jets, water spray, water fog. Extinguishing by foam, CO2 (carbine dioxide) or dry agent (dry chemical powder).

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### HEALTH HAZARD INFORMATION

#### HEALTH EFFECTS

<b>Swallowed:</b> <b>Eye:</b> <b>Skin:</b>  <b>Inhaled:</b>	May cause nausea, mild gastric irritation. A slight to moderate eye irritant. Mild irritation, prolonged and repeated contact may cause dermatitis. Prolonged repeated exposure may cause more serious effects. Vapours generated through elevated temperatures or mists can cause irritation to the nose and throat. Prolonged high exposure can cause more serious effects.
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### TREATMENT

<b>Swallowed:</b> <b>Eye:</b>  <b>Skin:</b>  <b>Inhaled:</b>	Do NOT induce vomiting. Seek immediate medical assistance. Immediately irrigate eyes, with water eyelids held open with copious quantities of clean water for at least 20 minutes. If irritation persists seek medical advice. Wash contaminated skin with soap and clean water. Remove contaminated clothing and wash before re-use, discard internally contaminated items, like gloves and footwear. If irritation occurs seek medical advice. Remove victim for exposure to fresh air – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. If NOT breathing apply artificial respiration and seek URGENT medical attention. Allow patient to assume most comfortable position and keep warm. Keep victim at rest until fully recovered. Seek medical advice, if any effects persist.
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### PRECAUTIONS FOR USE:

<b>Exposure Standards:</b>   <b>Ventilation:</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; vertical-align: top;">TWA:</td> <td style="border-left: 1px solid black; padding-left: 5px;">Time Weighted Average airborne concentrations over an eight hour working day, for five day working week over an entire working life. (Oil Mist) 5mg/m<sup>3</sup></td> </tr> <tr> <td style="vertical-align: top;">STEL:</td> <td style="border-left: 1px solid black; padding-left: 5px;">Short Term Exposure Limit average airborne concentration over a 15 minute period, which should not be exceeded at any time during a normal 8 hour day. (Oil Mist) 10mg/m<sup>3</sup></td> </tr> </table> <p>Special ventilation is NOT normally required due to low volatility of the product at normal temperatures. In the operation of certain equipment or at higher temperatures, mist or vapour may be generated and exhaust ventilation should be used to maintain airborne concentration levels below the exposure standard. Where no exposure standard is stated, keep as low as practicable.</p>	TWA:	Time Weighted Average airborne concentrations over an eight hour working day, for five day working week over an entire working life. (Oil Mist) 5mg/m <sup>3</sup>	STEL:	Short Term Exposure Limit average airborne concentration over a 15 minute period, which should not be exceeded at any time during a normal 8 hour day. (Oil Mist) 10mg/m <sup>3</sup>
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## MATERIAL SAFETY DATA SHEET

MSDS No:		<b>QUICK SMART PRODUCTS</b>
Product Name:	BICYCLE OIL	<b>53 ASSEMBLY DRIVE</b>
Manufacturers Code:	BO100	<b>TULLAMARINE VIC 3043</b>
Date:	1 February 2009	<b>(03) 9338 6655 (BH)</b> <b>(03) 9336 7945 (AH)</b>

<b>Personal Protection:</b>	Overalls, Safety Shoes, Goggles, Gloves, Respirator Avoid skin and eye contact and inhalation of vapour and mist. If exposure is likely, personal protective equipment as appropriate and to the degree of exposure should be used. Wear PVC apron with sleeves or PVC coveralls. Chemical goggles and PVC or rubber gloves and boots. Where the concentration of vapour or mist is expected to reach exposure limits use the following equipment. Short elevated exposures, spillage – goggles and correct respiratory protection should be worn. If exposure limits exceed 10 times concentration limits, air supplied apparatus should be used. Prolonged elevated exposures, full face air supplied or self contained breathing apparatus to be used complying with AS1716-1984 "Respiratory Protective Devices".
<b>Contamination:</b>	Change clothing and discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse. Observe good personal hygiene. Eye wash fountain and safety showers should be available for emergency use.

### **CONTACT POINT**

<b>Contact:</b>	WALLY DAY 03 9338 6655
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