

TWO STROKE OIL

MATERIAL SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	TWO STROKE OIL	53 ASSEMBLY DRIVE
Manufacturers Code:	TS200, TS1, TSTC1, TS5, TS20, TS205	TULLAMARINE VIC 3043
Date:	May 2013	ABN: 40 959 725 049 Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598 Email: gsmart@bigpond.net.au Web: www.quicksmartproducts.com.au

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	TWO STROKE OIL
Company Name:	QUICK SMART PRODUCTS
Address:	53 Assembly Drive Tullamarine Vic 3043
Telephone/Fax:	(03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) Fax: (03) 9335 2598
Recommended Use:	Recommended for two stroke petrol engine lawn mowers and other small air-cooled two stroke engines.

2. HAZARDS IDENTIFICATION

Statement of Hazardous/Dangerous Nature:	NON-HAZARDOUS SUBSTANCE NON-DANGEROUS GOODS Classified as Non-Hazardous according to the criteria of NOHSC Australia. Classified as Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)
UN No:	Non Allocated
Hazchem Code:	Non Allocated
Poisons Schedule:	Non Allocated

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	Name	W%W	CAS
	Refined Mineral Oil (A complex mixture of Paraffinic, Napthenic & Aromatic Hydrocarbons)	VHigh > 60%	Mixture
	Hydrocarbon Solvent	LOW < 10%	N/A
	Additives	LOW < 10%	N/A

Proportion (% weight per weight)
VHigh >60, High 30 – 60, Med 10 – 29, Low 1 – 9, VLow <1

4. FIRST AID MEASURES

Poison Information Centres (131126) in each State Capital City can provide additional assistance for scheduled poisons.

Inhalation:	Remove the source of contamination and move the affected person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. If the victim is not breathing, apply artificial resuscitation and seek urgent medical attention. In serious cases of over-exposure, seek immediate medical attention.
Ingestion:	DO NOT induce vomiting. Wash out mouth with water. Seek immediate medical assistance.
Eye:	Hold eyelid open and flush with copious amounts of clean water for at least 15 minutes or until all contaminants are washed out completely. If irritation develops and persists seek medical attention.

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- Skin:** Remove contaminated clothing and launder before re-use. Wash contaminated skin with soap and copious amounts of clean water. Discard internally contaminated items, like gloves and footwear. If irritation develops seek medical attention.
- First Aid Facilities:** Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use.
- Advice to Doctor:** Treat symptomatically.

5. FIRE FIGHTING MEASURES

- Suitable Extinguishing Media:** Carbon dioxide, dry chemical, foam and water fog.
- Protective Equipment for Fire Fighters:** Fire Fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing if risk of exposure to vapour or products of combustion.
- Flammability:** This product is not flammable under conditions of use. Is a combustible liquid that will burn if preheated. Keep storage tanks, pipelines, fire exposed surfaces, etc. cool with water spray.
- Specific Hazards:** Under fire conditions this product may emit toxic and/or irritation fumes including carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

- Spills:** Spillages are slippery. Avoid accidents, clean up immediately. Personnel involved in cleaning up any spills are to wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain using sand or soil. Prevent run off into drains, sewers and waterways. Advise local authorities immediately if release into sewer and/or waterways is expected to have occurred. Collect by vacuum truck or an absorbent material and seal in properly labelled containers for disposal. Rinse the area clean with detergent and excess water.
- Disposal:** Dispose of in accordance to Federal, EPA, State and Local Regulations. Disposal into sewer system is not permitted.

7. HANDLING AND STORAGE

- Handling:** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapour mists. Use in a well ventilated area. Keep containers closed when not in use. Repeated or prolonged exposure to the material without personal protection should be avoided in order to lessen the possibility of disorders. Maintain good standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using the toilet facilities.
- Storage:** Store in a cool, dry well ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs and clothing and out of direct sunlight. Keep containers tightly closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Refer to Australian Standard AS1940 – The Storage and Handling of Flammable and Combustible Liquids.

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits:	No exposure standards have been established for this material, however, the TWA National Occupational Health and Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m ³ . As with all chemicals, exposure should be kept to the lowest possible levels. As published by the National Occupational Health and Safety Commission (NOHSC): TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
Biological Limit:	No biological limit allocated.
Engineering Controls:	Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.
Respiratory Protection:	If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.
Eye Protection:	Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standards AS/NZS 1337 – Eye Protectors for Industrial Applications.
Hand Protection:	Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1 – Occupational Protective Gloves – Selection, Use and Maintenance.
Body Protection:	Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant plastic apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Green/Brown Oily Liquid
Odour:	Mineral Oil odour
Specific Gravity:	Not Available
Vapour Pressure:	Not Available
Solubility in Water:	Negligible
Melting Point:	Not Available
Flash Point:	>90°C
Flammability:	Class 1 Combustible Liquid
Auto Ignition:	Not Available

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LEL: Not Available

UEL: Not Available

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and handling.
Conditions to Avoid:	Avoid sources of ignition, heat, open flames or direct sunlight.
Incompatible Materials:	May react with strong oxidising agents.
Hazardous Decomposition Products:	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information:	No toxicity data is available for this specific product. Long term animal experiments have shown that any health risks are associated with the level of aromatic and polycyclic constituents in the product. These constituents are removed during the manufacturing process to a level at which no health risks are expected as a result of normal handling.
Inhalation:	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Ingestion:	Ingestion of this product may irritate the gastric tract causing nausea and vomiting. Aspiration of this product may result in chemical pneumonitis.
Skin:	May cause redness, itching and irritation.
Eye:	May cause eye irritation, tearing, stinging, blurred vision and redness
Chronic Effects:	Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No ecological data is available for this specific product.
Persistence / Degradability:	Not available.
Mobility:	Not available.
Bioaccumulative Potential:	Not available.
Environmental Protection:	Avoid contaminating waterways. Do not discharge the product into sewers or any body of waterway.

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13. DISPOSAL CONSIDERATIONS

Disposal Considerations: Waste product should be placed in sealed, properly labelled containers for disposal. Dispose of waste according to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

Transport Information: Classified as Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

15. REGULATORY INFORMATION

Poisons Schedule: Not Scheduled.

AICS (Australia): To the manufacturers best knowledge, all ingredients are listed in the Australian Inventory of Chemical Substances (AICS)

16. OTHER INFORMATION

Contact Person/Point: Technical Information: (03) 9338 6655

Date of Preparation or last revision of MSDS: MSDS reviewed: 30 May 2013

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF MSDS