

TWO STROKE OIL

SAFETY DATA SHEET

MSDS No: Product Name:	TWO STROKE OIL	QUICK SMART PRODUCTS 53 ASSEMBLY DRIVE TULLAMARINE VIC 3043 ABN: 40 959 725 049 Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598 Email: gsmart@bigpond.net.au Web: www.quicksmartproducts.com.au
Manufacturers Code:	TS200, TS1, TSTC1, TS5, TS20, TS205	
Date:	June 2018	

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	(03) 9338 6655 (BH) Poisons Information Centre 131126 Fax: (03) 9336 7945
Recommended Use	Recommended for two stroke petrol engine lawn mowers and other small air-cooled two stroke engines.

2. HAZARDS IDENTIFICATION

Hazard Classification	Not hazardous
Dangerous Goods Classification	Not Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).
GHS Label Elements	
Signal Word	Not Applicable
Symbol(s)	Not Applicable
Hazard Statements	Not Applicable. No known significant effects or critical hazards.
Precautionary Statements	
Prevention	Not Applicable
Response	Not Applicable
Storage	Not Applicable
Disposal	Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	W%W	CAS NO
Refined Mineral Oil. (A complex mixture of Paraffinic, Napthenic & Aromatic Hydrocarbons)	>60%	Mixture
Hydrocarbon Solvent	<10%	N/A
Additives	<10%	N/A

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4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure

Ingestion	Rinse mouth out with water. Do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side to maintain open airway to prevent aspiration. If irritation develops or persists or vomiting has occurred after ingestion, seek immediate medical assistance.
Eye Contact	In case of eye contact, hold eyelids apart and flush the eye immediately with large amounts of running water. Continue flushing for at least 15 minutes or until advised to stop by a Doctor. Check for contact lenses. If there are contact lenses, these should be removed after several minutes of rinsing by the exposed person or medical personnel if it can be done easily. After flushing, if irritation persists seek medical advice/attention.
Skin Contact	If skin or hair contact has occurred remove any contaminated clothing and footwear, wash skin or hair with soap and water. If irritation or rash occurs seek medical advice/attention.
Inhaled	If affected, remove the affected person from further exposure into fresh air, if safe to do so. Lay patient down in a well ventilated area. Allow patient to assume most comfortable position and keep warm. If experiencing respiratory symptoms, seek immediate medical advice/attention. If not breathing, provide artificial respiration and seek immediate medical assistance. If irritation develops or persists, consult a Doctor.
First Aid Facilities	Eye wash station and safety showers are recommended in the area where the product is used.

Most Important Symptoms & Effects, Both Acute & Delayed, Caused by Exposure

See Section 11 for more detailed information on health effects and symptoms.

Advice to Doctor Treat symptomatically based on individual reactions of patient and judgment of doctor.

5. FIRE FIGHTING MEASURES

General Measures	Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Suitable Extinguishing Media	Carbon dioxide, foam, dry chemical and water fog.
Unsuitable Extinguishing Media	Avoid using full water jet directed at residual material that may be burning. Water may cause splattering on hot residue. Product will float on water.
Combustion Hazards	Combustion may produce oxides of carbon, as well as smoke and irritating vapours.
Flammability	This product is not flammable under conditions of use. It is a combustible liquid that will burn if preheated. Keep storage tanks, pipelines, fire exposed surfaces, etc. cool with water spray.
Explosion	No information to indicate that the product is an explosion hazard. Extinguish all sources of flame or spark. Closed containers may explode when exposed to extreme heat.
Personal Protective Equipment	Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves).

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Hazchem Code Not applicable.

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure	Avoid accidents, clean up immediately. Slippery when spilled. Avoid contact with eyes and skin. Eliminate all sources of ignition. Increase ventilation. Use clean, non-sparking tools and equipment.
Personal Precautionary Measures	Small Spills - Wear Nitrile gloves, glasses/goggles, boots and full length clothing. If mists of vapour are generated, an approved organic vapour/particulate respirator is required. Large Spills or in Confined Spaces - A full chemical resistant bodysuit is recommended and the atmosphere must be evaluated for oxygen deficiency. If in doubt about oxygen deficiency wear self-contained breathing apparatus.
Containment	Stop the leak if safe to do so. Isolate the danger area. Contain the spill and absorb with a proprietary absorbent material, sand or earth.
Environmental Precautionary Measures	Use appropriate containment to avoid environmental contamination. Do not let product enter drains, surface water, sewers or water courses. Advise local authorities if this occurs.
Clean Up Procedures	Having contained the spill, collect by vacuum truck or an absorbent material and seal in suitable, labelled containers for disposal. Wash contaminated area and objects with detergent and water after spill has been cleared. Rinse the cleaned area with water. Do not allow wash water to enter drains, surface water, sewers or water courses.
Disposal	Dispose of waste in accordance to Federal, EPA, State and Local Regulations. Disposal into sewer system is not permitted.

7. HANDLING AND STORAGE

Safe Handling	Ensure an eye bath and safety shower are available and ready for use. Before use carefully read the product label. Avoid contact with the product by using appropriate protective equipment such as gloves, goggles, boots and full length clothing. Eating, drinking and smoking should be prohibited in the area where this material is handled, stored and processed. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Keep containers tightly closed when not in use.
Safe Storage	Store in a cool, dry, well ventilated area out of direct sunlight and away from ignition sources, oxidising agents, foodstuffs and clothing. Do not store in unlabelled containers. Keep containers tightly closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Inspect regularly for deficiencies such as damage or leaks. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Classified as a C1 Combustible Liquid for the purpose of storage and handling. Refer to Australian Standard AS1940 – The Storage and Handling of Flammable and Combustible Liquids.
Incompatibilities	Oxidizing substances including strong acids.

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8. EXPOSURE CONTROL

Occupational Exposure Limits	No exposure standards have been established for this product. However, in the operation of certain equipment or at elevated temperatures, if oil mists or aerosols are generated the following Exposure Standard should be observed: TWA: 5mg/m ³ STEL: 10mg/m ³ (ACGIH) 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 data available
Engineering Controls	Special ventilation is not normally required when using this product at normal temperatures. In the operation of certain equipment, at elevated temperatures or in confined spaces, mist or vapour may be generated and local exhaust ventilation should be used to maintain airborne concentration levels below the nominated exposure standard and at an acceptable level that does not cause irritation.
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	During normal operating procedures, long sleeved clothing is recommended to avoid skin contact. Chemical resistant plastic apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Green/Brown Oily Liquid
Odour	Mineral Oil odour
Specific Gravity	Not Available
Vapour Pressure	Not Available
Solubility in Water	Insoluble
Melting Point	Not Available

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Flash Point	>90°C
Flammability	Not flammable
Auto Ignition	Not Available
LEL	Not Available
UEL	Not Available

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage and handling conditions (refer Section 7).
Conditions to Avoid	Avoid sources of ignition, heat, open flames or direct sunlight.
Materials to Avoid	May react with strong oxidising agents.
Hazardous Decomposition Products	Hazardous decomposition products are not expected to form during normal storage and use. 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	The product is a mixture and test data is not available for the product as a whole.
Likely Routes of Exposure	Skin and eye contact are the primary routes of exposure although exposure may occur following accidental ingestion.
Potential Acute Health Effects	
Eye Contact	May cause eye irritation, tearing, stinging, blurred vision and redness.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Skin Contact	May cause redness, itching and irritation.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting. Aspiration of this product may result in chemical pneumonitis.
Chronic Effects	Not available.
Other Information	Used oils may contain harmful impurities that can accumulate during usage. Due to the use of oils in different types of equipment the type of impurities that accumulate during its usage are unknown. The concentration of such impurities will depend on use and they may present risks to health and the environment on disposal. All used oil should be handled with caution and skin contact avoided as far as possible by wearing suitable gloves, such as those made of nitrile rubber.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No ecological data is available for this specific product.
Persistence / Degradability	Not available.
Mobility	Not available.

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Bioaccumulative Potential Not available.

Environmental Protection Avoid contaminating waterways. Do not discharge the product into sewers or any body of waterway.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations The generation of waste should be avoided or minimised wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Special Precautions for Landfill Contact a specialist disposal company or the local waste regulator for advice.

14. TRANSPORT INFORMATION

Transport Regulations

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

SUSMP A poison schedule has not been allocated for this product.

AICS (Australia) 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 SDS SDS reviewed: 14 June 2018

Abbreviations

ADG Code	Australian Code for the Transport of Dangerous Goods by Road & Rail
AICS	Australian Inventory of Chemical Substances
CAS Number	Chemical Abstracts Service Registry Number
GHS	Globally Harmonised System of Classification and Labelling
g/cm³	Grams per Cubic Centimetre
g/L	Grams per Litre
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC	Lethal Concentration
LD	Lethal Dose
mg/m³	Milligrams per Cubic Metre
NOHSC	National Occupational Health and Safety Commission
ppm	Parts Per Million
SDS	Safety Data Sheet

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STEL Short Term Exposure Limit. The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

SUSMP Standard for the Uniform Scheduling of Medicines and Poisons

TLV Threshold Limit Value

TWA Time Weighted Average. The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

This SDS 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 SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, or from any failure to adhere to recommendations. 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 SDS