

HEAVY DUTY SPROCKET – CHAIN – WIRE LUBRICANT

MATERIAL SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	HEAVY DUTY SPROCKET – CHAIN – WIRE LUBRICANT	53 ASSEMBLY DRIVE
Manufacturers Code:	SPO500, SPO1, SPO5, SPO20, SPO205	TULLAMARINE VIC 3043
Date:	June 2018	ABN: 40 959 725 049
		Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598
		Email: qsmart@bigpond.net.au
		Web: www.quicksmartproducts.com.au

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	HEAVY DUTY SPROCKET – CHAIN – WIRE LUBRICANT		
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:	Heavy duty lubricant for chains, sprockets, gears. Impervious to salt water.		

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
Napthenic & Aromatic Hydrocarbons	<30%	N/A

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. Seek immediate medical assistance.

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Eye Contact	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.
Skin Contact	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 in the area where this product is used.
Advice to Doctor	Treat symptomatically.

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	Cooling by water mist or water fog. Extinguishing by foam, CO ₂ (carbon dioxide) or dry agent (dry chemical powder).
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.
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. It is a combustible liquid that will burn if preheated. Keep storage tanks, pipelines, fire exposed surfaces, etc. cool with water mist. Shut off any leak if safe to do so and remove from ignition sources.
Specific Hazards	Under fire conditions this product may emit toxic and/or irritation fumes including carbon monoxide and oxides of sulphur. Store away from acids and oxidising agents.

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.
Spills	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.

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7. HANDLING AND STORAGE

Safe 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. 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 when handling this product i.e. washing hands prior to eating, drinking, smoking or using the toilet facilities. Keep containers closed when not in use.
Safe Storage	Store in a clean, well ventilated place 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. Inspect regularly for deficiencies such as damage or leaks.

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	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 limit. Where no exposure standard is stated, keep as low as practicable.
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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to golden brown liquid.
Odour:	Mineral Oil odour
Specific Gravity:	@ 15°C: 0.882
Vapour Pressure:	<0.0005 kPa (expected @ 20°C)
IBP:	>250°C
Melting Point:	Not Available
Flash Point:	>200°C (typically)
Flammability:	Low Hazard. Combustible Liquid – Class C2
Auto Ignition:	>320°C (typically)
LEL:	Typically 1% v/v
UEL:	Typically 10% v/v
Solubility:	Negligible
Reactivity:	Reacts with oxidising agents

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage and handling conditions.
Conditions to Avoid	Avoid sources of ignition, heat, open flames or direct sunlight.
Incompatible Materials	Oxidising agents.
Hazardous Decomposition Products	Thermal decomposition and combustion may produce noxious fumes such as oxides of carbon.
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	Vapours generated through elevated temperatures or mists may cause irritation to the nose and throat. Prolonged high exposure may cause more serious effects.
Ingestion	May cause irritation of mouth, throat and digestive tract. Aspiration into lungs may cause chemical pneumonitis. May cause gastric irritation.
Skin	Mild irritation with prolonged and repeated contact may cause dermatitis by defatting effect. Prolonged repeated exposure may cause more serious effects.
Eye	A slight to moderate eye irritant. May cause stinging, tearing and redness.

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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.
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	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.
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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
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Date of Preparation or last revision of SDS	SDS reviewed: 21 June 2018
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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

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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
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 MSDS