

# SYNGARD INDUSTRIAL EP GEAR LUBRICANTS

## SAFETY DATA SHEET

Product Name:	SYNGARD INDUSTRIAL EP GEAR LUBRICANTS	<b>QUICK SMART PRODUCTS</b> <b>53 ASSEMBLY DRIVE</b> <b>TULLAMARINE VIC 3043</b> ABN: 40 959 725 049 Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598 Email: <a href="mailto:gsmart@bigpond.net.au">gsmart@bigpond.net.au</a> Web: <a href="http://www.quicksmartproducts.com.au">www.quicksmartproducts.com.au</a>
Manufacturers Code:	SYN100-5, SYN100-20, SYN220-5, SYN220-20, SYN320-5, SYN320-20, SYN460-5, SYN460-20, SYN680-5, SYN68-20	
Date:	September 2020	

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	SYNGARD INDUSTRIAL EP GEAR LUBRICANTS
<b>Company Name</b>	QUICK SMART PRODUCTS
<b>Address</b>	53 Assembly Drive Tullamarine Vic 3043
<b>Telephone</b>	(03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) Fax: (03) 9335 2598
<b>Recommended Use</b>	Full synthetic Gear Box Lubricants

### 2. HAZARDS IDENTIFICATION

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical Nature

Preparation based on: esters, hydrocarbons, additives

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#### 4. FIRST AID MEASURES

##### *Description of necessary measures according to routes of exposure*

<b>Ingestion</b>	Rinse mouth and then drink plenty of 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. For advice, call the Poisons Information Centre (131126 Aust) or Doctor.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	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.
<b>Inhaled</b>	Remove the source of contamination if safe to do so and move the affected person to fresh air. 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.
<b>First Aid Facilities</b>	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

<b>General Measures</b>	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.
<b>Suitable Extinguishing Media</b>	Water spray, dry powder, foam.
<b>Unsuitable Extinguishing Media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific Hazards</b>	Harmful vapours, evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
<b>Explosion</b>	No information to indicate that the product is an explosion hazard. Under fire conditions, closed containers may rupture/explode when exposed to extreme heat.
<b>Personal Protective Equipment</b>	Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing.

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**Further Information** The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

### 6. ACCIDENTAL RELEASE MEASURES

<b>General Response Procedure</b>	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.
<b>Containment</b>	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.
<b>Clean Up Procedures</b>	Having contained the spill, collect all material and place used absorbent 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.
<b>Environmental Precautionary Measures</b>	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.
<b>Personal Precautionary Measures</b>	Personnel involved in cleaning up any spills are to wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Personnel must wear gloves, goggles or glasses, boots and full-length clothing during cleaning up.
<b>Disposal</b>	Dispose of waste in accordance to Federal, EPA, State and Local Regulations. Disposal into sewer system is not permitted.

### 7. HANDLING AND STORAGE

<b>Safe Handling</b>	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 using this product i.e. washing hands prior to eating, drinking or using the toilet facilities. Take precautionary precautions against static discharges. Keep containers closed when not in use
<b>Safe Storage</b>	Store in a cool, dry, well ventilated area out of direct sunlight and away from ignition sources. 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.

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### 8. EXPOSURE CONTROL

<b>Occupational Exposure Limits</b>	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 <sup>3</sup> STEL: 10mg/m <sup>3</sup> (ACGIH)
<b>Biological Limit</b>	No data available
<b>Engineering Controls</b>	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.
<b>Respiratory Protection</b>	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.
<b>Eye Protection</b>	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.
<b>Hand Protection</b>	Chemical resistant protective gloves. 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.
<b>Body Protection</b>	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

<b>Physical State</b>	Liquid
<b>Appearance</b>	Amber Liquid
<b>Odour</b>	Almost odourless
<b>pH</b>	No data available
<b>Melting Point</b>	-18.0°C
<b>Flash Point</b>	230.0°C
<b>Self Ignition</b>	Not self-igniting
<b>Self Heating Ability</b>	It is not a substance capable of spontaneous heating
<b>Explosion Hazard</b>	Not explosive

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Date:	September 2020	<b>TULLAMARINE VIC 3043</b>
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<b>Fire Promoting Properties</b>	Not fire-promoting
<b>Density</b>	0.884g/cm <sup>3</sup> (20°C)
<b>Solubility in Water</b>	Insoluble
<b>Hygroscopy</b>	Non-hygroscopic

### 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage and handling conditions.
<b>Conditions to Avoid</b>	Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static discharge.
<b>Substances to Avoid</b>	Strong oxidising agents. Heat or high temperatures.
<b>Thermal Decomposition</b>	No decomposition if stored and handled as prescribed/indicated.
<b>Corrosion to Metals</b>	No corrosive effect on metal.
<b>Hazardous Reactions</b>	No hazardous reactions when stored and handled according to instructions.
<b>Hazardous Decomposition Products</b>	No hazardous decomposition products if stored and handled as prescribed/indicated.

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	Assessment of Acute Toxicity: Virtually nontoxic after a single ingestion. LD50 rat (oral): >2,000mg/kg
<b>Irritation</b>	Assessment of irritating effects Not irritating to the eyes. Not irritating to the skin. Primary skin irritation: Non-irritant. Primary irritations of the mucous membrane: Non-irritant.
<b>Sensitisation</b>	Assessment of Sensitisation: A sensitising effect on particularly sensitive individuals cannot be excluded.
<b>Repeated Dose Toxicity</b>	Assessment of Repeated Dose Toxicity: None known.
<b>Genetic Toxicity</b>	Assessment of Mutagenicity: No data was available concerning mutagenic activity. The chemical structure does not suggest a specific alert for such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.
<b>Carcinogenicity</b>	Assessment of Carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.
<b>Reproductive Toxicity</b>	Assessment of Reproduction Toxicity: No data for product. No effects anticipated.
<b>Other Relevant Toxicity Information</b>	

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Assessment of Aquatic Toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. Toxicity to Fish: LC50 >10-100mg/l Microorganisms/Effect on activated sludge: ECO >10-100mg/l
<b>Persistence / Degradability</b>	Elimination Information: Not readily biodegradable (by OECD criteria).
<b>Mobility</b>	No data available.
<b>Bioaccumulative Potential</b>	No data available.

### 13. DISPOSAL CONSIDERATIONS

<b>Disposal Considerations</b>	The generation of waste should be avoided or minimised wherever possible. Waste product should be placed in sealed, properly labelled containers for disposal. Dispose of waste in accordance to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.
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### 14. TRANSPORT INFORMATION

#### Transport Regulations

Not classified as dangerous for transport (ADG, IMDG, IATA)

### 15. REGULATORY INFORMATION

<b>SUSMP</b>	A poison schedule has not been allocated for this product.
<b>AICS (Australia)</b>	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: 3 September 2020

#### Abbreviations

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road & Rail
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>CAS Number</b>	Chemical Abstracts Service Registry Number
<b>CO2</b>	Carbon Dioxide
<b>COD</b>	Chemical Oxygen Demand
<b>GHS</b>	Globally Harmonised System of Classification and Labelling
<b>g/cm<sup>3</sup></b>	Grams per Cubic Centimetre
<b>g/L</b>	Grams per Litre
<b>HAZCHEM Code</b>	Emergency action code of numbers and letters which gives information to emergency services
<b>IATA</b>	International Air Transport Association
<b>IMDG</b>	International Maritime Dangerous Goods
<b>LC</b>	Lethal Concentration
<b>LD</b>	Lethal Dose
<b>mg/m<sup>3</sup></b>	Milligrams per Cubic Metre
<b>NOHSC</b>	National Occupational Health and Safety Commission

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**ppm**  
**SDS**  
**STEL**

Parts Per Million  
Safety Data Sheet  
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**  
**TLV**  
**TWA**

Standard for the Uniform Scheduling of Medicines and Poisons  
Threshold Limit Value  
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.

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*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.*

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END OF SDS