

AIR LINE OIL

SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	AIR LINE OIL	53 ASSEMBLY DRIVE
Manufacturers Code:	ALO1, ALO5, ALO20	TULLAMARINE VIC 3043
Date:	August 2016	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	AIR LINE OIL
Company Name	QUICK SMART PRODUCTS
Address	53 Assembly Drive Tullamarine Vic 3043
Telephone/Fax	(03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) (03) 9336 7945 (AH)
Recommended Use	For use in Air Line Lubricators

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
Precautionary Statements	
Prevention	Not Applicable
Response	Not Applicable
Storage	Not Applicable
Disposal	Not Applicable
Other Hazards which do not result in classification	Not Applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Name	CAS No.	Proportion
	White Mineral Oil, Petroleum	8042-47-2	100%

4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure

Inhalation	Remove victim from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to resume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
Ingestion	Do NOT induce vomiting. Wash out mouth with water. 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.

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Eye If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

Skin Wash affected area thoroughly with soap and plenty of water. Remove contaminated clothing and wash before reuse or discard. If irritation or a rash develops seek medical attention.

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

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

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

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, dry chemical, foam, water mist or water spray.

Unsuitable Extinguishing Media Do not use water jet as an extinguisher, oil will float on water as this can spread the fire.

Special Hazards Arising from the Substance or Mixture

Specific Hazards This product will burn if exposed to fire.

Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Advice for Firefighters

Flammability Conditions This product is non flammable under conditions of use. Product is classified as a Class 2 Combustible Liquid according to AS1940.

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) operated in positive pressure mode and full protective fire fighting clothing to prevent exposure to vapours or fumes.

Precautions in Connection with Fire Water spray may be used to cool down heat exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

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6. ACCIDENTAL RELEASE MEASURES

General Response Procedure	Avoid accidents, clean up immediately. Slippery when spilled. Evacuate personnel to safe areas. Eliminate all sources of ignition if safe to do so. Avoid contact with eyes and skin. Increase ventilation. Use clean, non-sparking tools and equipment.
Containment	Stop the leak if safe to do so. Isolate the danger area. Contain the spill and absorb with a proprietary absorbent material, such as vermiculite, sand or dirt. Prevent contamination of groundwater or surface water. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
Clean Up Procedures	Having contained the spill, collect all material and place used absorbent in suitable, labelled, sealable containers for safe 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.
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.
Personal Precautionary Measures	Wear personal protective equipment and clothing to prevent exposure. Wear gloves, glasses/goggles, boots and full length clothing. If mists of vapour are generated, an approved organic vapour/particulate respirator is required. Refer Section 8 for more detailed information on Personal Protection Equipment.
Disposal	Contaminated 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.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the buildup of mists or vapours in the work atmosphere. Do not use near ignition sources. Do not pressurize, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using toilet facilities.
Conditions for Safe Storage	Store in a cool, dry well ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.
Storage Regulations	Classified as a Class 2 (Combustible Liquid) for the purpose of storage and handling, in accordance with the requirements of AS1940.

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits	No exposure standard has been established for this material, however, the TWA National Occupational Health and Safety Commission (NOHSC) exposure standard for oil mist is 5mg/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 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, chemical 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 such as oil resistant (eg nitrile rubber), neoprene, PVC. 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	Water White Liquid
Odour	Odourless
Decomposition Temp	Not available
Melting Point	<-9°C
Boiling Point	> 280°C
Solubility in Water	Insoluble
Specific Gravity	0.845-0.890 (20°C)

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pH Value	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Evaporation Rate	Not available
Odour Threshold	Not available
Viscosity	Refer to Section 9: Kinematic Viscosity and Dynamic Viscosity
Colour	Water white
Volatile Component	Not available
Octanol/Water Partition Coefficient	Not available
Flash Point	> 200°C (Closed Cup)
Flammability	Not flammable
Auto Ignition Temp	>300°C
Flammable Limits – Lower	Not available
Flammable Limits – Upper	Not available
Explosion Properties	Not available
Oxidising Properties	Not available
Kinematic Viscosity	61.40-74.80cSt (40°C)
Dynamic Viscosity	Not available
Other Information	DMSO extractible compound for base oil substance according to IP-346: <1%

10. STABILITY AND REACTIVITY

Chemical Stability	Product is stable under normal conditions of storage and handling.
Conditions to Avoid	Heat, open flames and other sources of ignition.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including: carbon dioxide and carbon monoxide.
Hazardous Reactions	Reacts with incompatible materials.
Hazardous Polymerization	Not available

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11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data available for this material.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin	May be irritating to skin. The symptoms may include redness, itching and swelling.
Eye	May be irritating to eyes. The symptoms may include redness, itching and tearing.
Chronic Effects	Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity	The available ecological data is given below.
Persistence / Degradability	Inherently biodegradable.
Mobility	Low mobility due to low water solubility and high viscosity.
Bioaccumulative Potential	Model suggests that petroleum oils may bioaccumulate but the bioavailability limitations may reduce this potential. Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.
Other Adverse Effects	Spills may form a film on water surfaces.
Environmental Protection	Prevent this material from entering waterways, drains and sewers.
Other Information	Aquatic toxicity data on base oils indicates LC50 values of >1000mg/l, which is considered low toxicity.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Disposal of waste material must be done in accordance with all Local, State and Federal Government Regulations.
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14. TRANSPORT INFORMATION

Transport Information	Not classified as dangerous for transport (ADG, IMDG, IATA)
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15. REGULATORY INFORMATION

Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

SUSMP Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons.

Poisons Schedule S5

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 created/revised: 15 August 2016

Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
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
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
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
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TWA	Time Weighted Average

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, 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