SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	COMPRESSOR OIL
Company Name	QUICK SMART PRODUCTS
Manufacturer	ADVANCE CHEMICALS
Address	4 – 8 Malton Court Altona Vic 3018

Australian Distributor
INDUSTRIAL TOOL & MACHINERY SALES
11 Eastern Service Road, STAPYLTON, QLD, 4207
Phone: 07 3287 1114
Email: sales@industrialtool.com.au

Telephone	(03) 9398 4444 (BH) Poisons Information Centre 131126 (AH) 0425 800 022 (AH)
Recommended Use	High performance hydraulic oil. For use in all Piston Air Compressors.

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

Chemical Entity	CAS No	Proportion
A blend of severely solvent refined base oils with a proprietary performance additives at sufficiently low levels as to not require hazardous classification.		VHIGH > 60%

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.
Protection for First Aiders	No action shall be taken involving any personal risk or without suitable training.

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.
Flammability Conditions	This product is non flammable under conditions of use. Product is classified as a Class 2 Combustible Liquid according to AS1940.
Extinguishing Media	Use extinguishing media appropriate for surrounding fire. Use carbon dioxide, foam, dry chemical or water spray.
Unsuitable Extinguishing Media	Do not use water jet as an extinguisher, as this will spread the fire.
Combustion Hazards	Incomplete combustion/thermal decomposition will generate smoke, carbon dioxide and hazardous gases, which include carbon monoxide.
Explosion	No information to indicate that the product is an explosion hazard. 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).
Flash Point	204°C
Hazchem Code	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure	Avoid accidents, clean up immediately. Slippery when spilled. Wear protective equipment to prevent skin and eye contact and inhalation of vapours. Eliminate all sources of ignition. 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, sand or earth.
Clean Up Procedures	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.
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.
Evacuation Criteria	Evacuate personnel to safe areas.
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.
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. 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. Take precautionary measures against static discharges by bonding and grounding equipment.
Safe Storage	Product is classified as a Class 2 Combustible Liquid for the purpose of storage and handling. Refer to AS 1940 – The Storage and Handling of Flammable Liquids. Store in a 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.
Incompatibilities	Oxidizing substances including strong acids.

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/m³ STEL: 10mg/m³ (ACGIH)
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	Brown Oily Liquid
Odour	Characteristic lubricating oil odour
Density @ 15°C	0.878Kg/L
Flash Point	204°C (PMP)
Solubility	Insoluble in water
Reactivity	Reacts with oxidising agents
Kinematic	32.0mm2/s @ 40°C
Viscosity	5.4mm2/s @ 100°C
Flammability	Not flammable. Classified as a C2 Combustible Liquid

10. STABILITY AND REACTIVITY

Reactivity	This product does not pose any further reactivity hazards other than those listed below.
Stability	Stable under recommended storage and handling conditions (refer Section 7)
Conditions to Avoid	Avoid direct contact with sunlight, heat, flames, sparks etc.
Materials to Avoid	Strong oxidising agents. Heat or high temperatures.
Hazardous Decomposition Products	Thermal decomposition can produce a variety of compounds, which depends on decomposition conditions. Incomplete combustion/thermal decomposition will generate smoke, carbon dioxide and hazardous gases, which include carbon monoxide.
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.
Eye Contact	May cause slight eye irritation.
Inhalation	Vapour inhalation under ambient conditions is not normally a problem due to low vapour pressure. Vapours generated through elevated temperatures or mists can cause irritation to the nose and throat.
Skin Contact	May cause mild irritation.
Ingestion	Ingestion of large quantities may cause nausea and diarrhoea.
Chronic Effects	Repeated or prolonged skin contact can result in irritation and in severe cases dermatitis.
Carcinogenicity	No known significant effects or critical hazards.
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	There is no data available for this product as a whole.
Persistence / Degradability	Based on the components and similar products the product is not expected to be readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.
Mobility	Floats on water. If it enters soil, it will absorb onto soil particles and will not be mobile.
Bioaccumulative Potential	No information is available on bioaccumulation for this product.
Environmental Fate	Do not allow product to reach water ways, drains or sewers. Product will float on water. Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

Other Adverse Effects	Product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

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

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

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: Ted Powell 0425 800 022
Date of Preparation or last revision of MSDS	SDS reviewed: November 2022

Abbreviations

ADG Code	Australian Code for the Transport of Dangerous Goods by Road & Rail
ACGIH	American Conference of Governmental Industrial Hygienists
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
CAS Number	Chemical Abstracts Service Registry Number
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
GHS	Globally Harmonised System of Classification and Labelling
SUSMP	Standard for the Uniform Scheduling of Drugs and Poisons
AICS	Australian Inventory of Chemical Substances
NOHSC	National Occupational Health and Safety Commission

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