



# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name:</b>	QUENCHING OIL A Q3048
<b>QS Code</b>	QO5; QO20; QO205
<b>Company Name:</b>	QUICK SMART PRODUCTS
<b>Manufacturer</b>	ADVANCE CHEMICALS
<b>Address</b>	4 – 8 Malton Court Altona Vic 3018
<b>Telephone</b>	(03) 9398 4444 (BH)    Poisons Information Centre 131126 (AH)    0425 800 022 (AH)
<b>Recommended Use:</b>	General purpose Quenching Oil for carbon steels

## 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
<b>Other Hazards which do not result in classification</b>	Defatting of the skin.

## 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.	N/A	VHIGH > 60%

## 4. FIRST AID MEASURES

Poison Information Centres (131126) in each State Capital City can provide additional assistance for scheduled poisons.

<b>Ingestion:</b>	Do NOT induce vomiting. Rinse mouth thoroughly with water immediately. Seek immediate medical assistance.
<b>Eye:</b>	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 persists seek medical attention.



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<b>Skin:</b>	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.
<b>Inhaled:</b>	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.
<b>First Aid Facilities:</b>	Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use.
<b>Advice to Doctor:</b>	Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

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<b>Suitable Extinguishing Media:</b>	Cooling by water mist or water fog. Extinguishing by foam, CO <sub>2</sub> (carbon dioxide) or dry agent (dry chemical powder).
<b>Protective Equipment for Fire Fighters:</b>	Fire Fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing if risk of exposure to vapour or products of combustion.
<b>Specific Methods:</b>	Will burn if involved in a fire but not considered to be a significant fire risk. Keep storage tanks, pipelines and fire exposed surfaces cool with water mist. Shut off any leak if safe to do so and remove from ignition sources.
<b>Hazardous Reaction:</b>	Under fire conditions this product may emit toxic fumes of carbon monoxide, acrid smoke and carbon dioxide. Store away from strong oxidizing or combustible materials.

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Spills:</b>	Spillages are slippery. Avoid accidents, clean up immediately. 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, soil, inert material or, vermiculite. 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.
<b>Disposal:</b>	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

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<b>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. Use in a well ventilated area. Keep containers closed when not in use. 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 after using this product i.e. washing hands prior to eating, drinking, smoking or using the toilet facilities.
<b>Storage:</b>	Store in a cool, dry, well ventilated area away from heat, sources of ignition, combustible material, oxidising agents, foodstuffs and clothing and out of direct sunlight. Keep containers tightly closed when not in use and securely sealed and protected against physical damage. 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 material, however, the TWA National Occupational Health and Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m <sup>3</sup> . 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.
<b>Biological Limit:</b>	No biological limit allocated.
<b>Engineering Controls:</b>	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.
<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>	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.
<b>Body Protection:</b>	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

<b>Appearance:</b>	Brown oily liquid
<b>Odour:</b>	Oily odour
<b>Density:</b>	@ 15°C 0.878Kg/L
<b>Flash Point:</b>	204°C (PMP)
<b>Flammability:</b>	Will burn if involved in a fire
<b>Solubility:</b>	Insoluble
<b>Reactivity:</b>	May react with oxidising agents
<b>Kinematic:</b>	68.0mm <sup>2</sup> /S @ 40°C



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**Viscosity:** 5.4mm<sup>2</sup>/S @ 100°C

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## 10. STABILITY AND REACTIVITY

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**Stability:** Stable under normal conditions of storage and handling.

**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.

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## 11. TOXICOLOGICAL INFORMATION

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**Toxicology Information:** No toxicity data is available for this specific product. No adverse health effects expected if this product is used in accordance with this Safety Data Sheet.

**Acute:**

**Ingestion:** Harmful if swallowed in large doses. Ingestion can result in nausea and diarrhoea.

**Eye:** May cause slight eye irritation.

**Skin:** Contact with skin may result in irritation if exposure is prolonged.

**Inhaled:** Inhalation of oil mist may cause irritation to the upper respiratory system. Inhalation hazard is increased at higher temperatures.

**Chronic:** Repeated or prolonged skin contact can result in irritation and in severe cases dermatitis.

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## 12. ECOLOGICAL INFORMATION

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**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. Spills on water may form a film causing physical damage to organisms, oxygen transfer could also be impaired. Do not discharge the product into sewers or any body of waterway.

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## 13. DISPOSAL CONSIDERATIONS

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**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

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**Transport Information:** Classified as Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

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## 15. REGULATORY INFORMATION

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**Poisons Schedule:** Not Scheduled

**AICS (Australia):** To the manufacturers best knowledge, all ingredients are listed in the Australian Inventory of Chemical Substances (AICS)

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## 16. OTHER INFORMATION

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**Contact Person/Point:** Technical Information: Ted Powell 0425 800 022

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**Date of Preparation or last revision of SDS:** SDS reviewed: November 2022

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*This MSDS 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 MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. 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