



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

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SAFETY DATA SHEET

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Issue Date: 10 January 2022

Q-Kut 170

Version: 6

Product name: Q-Kut 170

1. COMPANY DETAILS AND PRODUCT IDENTIFICATION

COMPANY: Hi-Tec Oil Traders Pty Ltd. (ABN 28 053 837 362)

ADDRESS: PO Box 322 Castle Hill NSW 1765
5 Tarlington Place, Smithfield NSW 2164

TELEPHONE NUMBER: 1300 796 009

FAX NUMBER: (02) 9604 1611

EMERGENCY TELEPHONE NUMBER: 1300 796 009

PRODUCT NAME: Q-Kut 170

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI8-3379

USE: Mineral oil based metal forming fluid.

ADDITIONAL INFORMATION: Refer to Product Information Sheet for additional information.

OTHER INFORMATION: Visit our website: www.hi-tecoils.com.au
Email: hitecoils@hi-tecoils.com.au

2. HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: NON-HAZARDOUS
NON-DANGEROUS GOODS
Hazard classification according to GHS Classification.
Dangerous goods classification according to Australian Dangerous Goods Code.

SIGNAL WORD (S): None

IRRITANCY OF PRODUCT: Not classified as an irritant.

SENSITISATION OF PRODUCT: Not known to be a sensitiser.

TERATOGENICITY: No teratogenic effects known.

OTHER INFORMATION: Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and environment on disposal. All used oils should be handled with caution and skin contact avoided as far as possible.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISTICS: Liquid

INGREDIENTS:-

CHEMICAL ENTITY	CAS NO	PROPORTION
Mineral Oil	Various	$\geq 30 - \leq 60\%$
Oils, reclaimed	69029-75-0	$\geq 10 - \leq 30\%$
Ingredients determined to be non-hazardous	-	to 100

4. FIRST AID MEASURES

GENERAL INFORMATION: You should call the POISONS INFORMATION CENTRE on 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) if you feel that you may have been poisoned, burned or irritated by this product. Have this SDS with you when you call.

INHALATION: Move affected person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention.

SKIN CONTACT: Wash with plenty of soap and water. Remove contaminated clothing and wash it before reuse.

EYE CONTACT: Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do.

INGESTION: Ingestion may cause gastrointestinal irritation and diarrhea. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

INHALATION: Not expected under normal use.

SKIN CONTACT: Not expected under normal use.

EYE CONTACT: Not expected under normal use.

INGESTION: Not expected under normal use.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

NOTES TO DOCTOR: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

SPECIFIC TREATMENTS: No specific treatment.





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4. FIRST AID MEASURES (CONT)

PROTECTION OF FIRST AIDERS:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Use personal protective equipment as required.

5. FIRE FIGHTING MEASURES

FIRE/EXPLOSION HAZARD

SUITABLE EXTINGUISHING MEDIA:

Use an extinguishing agent suitable for the surrounding fire. Use dry chemical, CO₂, water spray (fog) or foam.

UNSUITABLE EXTINGUISHING MEDIA:

Do not use water jet.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

In a fire or if heated, a pressure increase will occur and the container may burst.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

In a fire, hazardous decomposition products may be produced. carbon oxides (CO, CO₂) nitrogen oxides.

SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURE

FOR NON-EMERGENCY PERSONNEL:

No action shall be taken involving any personal risk or without suitable training. Put on appropriate personal protective equipment (see Section 8). Keep unnecessary personnel away.

FOR EMERGENCY RESPONDERS:

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".



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6. ACCIDENTAL RELEASE MEASURES (CONT)

ENVIRONMENTAL PRECAUTIONS:

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Do not allow any potentially contaminated water, including rain water, runoff from fire fighting or spills, to enter any waterway, sewer or drain.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

SMALL SPILL:

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

LARGE SPILL:

Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dike large spills and use a non-sparking or explosion-proof means to transfer material to an appropriate container for disposal. To reduce potential for static discharge, use proper bonding and grounding procedures. Dispose of via a licensed waste disposal contractor.

7. HANDLING AND STORAGE

PROTECTIVE MEASURES:

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

OCCUPATION EXPOSURE LIMITS

Ingredient

Mineral oil

Exposure limits

ACGIH TLV (United States), TWA 5 mg/m³/8 hours, STEL 10 mg/m³ / 15 minutes

BIOLOGICAL EXPOSURE INDICES (BEI):

None.

APPROPRIATE ENGINEERING CONTROLS:

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. recommended or statutory limits.

ENVIRONMENTAL EXPOSURE CONTROLS:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

HYGIENE MEASURES:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Keep equipment clean.

EYE/FACE PROTECTION:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Safety glasses with side-shields.

HAND PROTECTION:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

OTHER SKIN PROTECTION:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

RESPIRATORY PROTECTION:

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION (CONT)

THERMAL HAZARDS: Not expected under normal use. Not relevant/applicable due to nature of the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL:	Liquid
APPEARANCE:	Clear
COLOUR:	Amber
ODOUR:	Characteristic
ODOUR THRESHOLD:	Not available
pH:	Not available
BOILING POINT/RANGE (°C):	Not available
MELTING POINT/FREEZING POINT (°C):	Not available
FLASH POINT (°C):	Closed Cup >200°C (Cleveland)
EVAPORATION RATE:	Not available
FLAMMABILITY (SOLID, GAS):	Not available
FLAMMABILITY LIMIT (UPPER):	Not available
FLAMMABILITY LIMIT (LOWER):	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	0.85 – 0.88
SOLUBILITY (WATER):	Insoluble
SOLUBILITY (IES)	Not available
PARTITION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE (°C):	Not available
DECOMPOSITION TEMPERATURE:	Not available



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9. PHYSICAL AND CHEMICAL PROPERTIES (CONT)

KINEMATIC VISCOSITY: < 25 - 30 cSt @ 40°C

OXIDISING PROPERTIES: Not available

EXPLOSIVE PROPERTIES: Not available

VOC CONTENT (%) Not available

10. STABILITY AND REACTIVITY

REACTIVITY: No specific test data related to reactivity available for this product or its ingredients.

CHEMICAL STABILITY: The product is stable.

POSSIBILITY OF HAZARDOUS REACTIONS: Under normal conditions of storage and use, hazardous reactions will not occur.

CONDITIONS TO AVOID: No specific measures identified.

INCOMPATIBLE MATERIALS: Strong oxidizing materials, strong acids, strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Based on available data, the classification criteria are not met.

ACUTE TOXICITY ESTIMATES: Not available

NUMERICAL MEASURES OF : Not available

IRRITATION/CORROSION: Based on available data, the classification criteria are not met.

SENSITISATION : Based on available data, the classification criteria are not met.

MUTAGENICITY: Based on available data, the classification criteria are not met.

CARCINOGENICITY: Based on available data, the classification criteria are not met.

REPRODUCTIVE TOXICITY: Based on available data, the classification criteria are not met.

STOT (SINGLE / REPEATED EXPOSURE): Based on available data, the classification criteria are not met.

ASPIRATION HAZARD: Based on available data, the classification criteria are not met.



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11. TOXICOLOGICAL INFORMATION (CONT)

Name	Result
Distillates (petroleum), hydrotreated light	ASPIRATION HAZARD – Category 1

OTHER INFORMATION:	None identified
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INFORMATION ON THE LIKELY ROUTES OF EXPOSURE

INHALATION:	No known significant effects or critical hazards.
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SKIN CONTACT:	No known significant effects or critical hazards.
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EYE CONTACT:	No known significant effects or critical hazards.
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INGESTION:	No known significant effects or critical hazards.
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DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE

None identified

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

INHALATION:	Not expected under normal use.
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SKIN CONTACT:	Not expected under normal use.
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EYE CONTACT:	Not expected under normal use.
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INGESTION:	Not expected under normal use.
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12. ECOLOGICAL INFORMATION

No known significant effects or critical hazards.

TOXICITY:	Not available
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PERSISTENCE AND DEGRADABILITY:	Not available
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BIOACCUMULATIVE POTENTIAL:	Not available
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MOBILITY IN SOIL:	
Soil/water partition coefficient (K_{oc}):	Not available

OTHER ADVERSE EFFECTS:	No known significant effects or critical hazards.
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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

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. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Empty containers or liners may retain some product residues. Empty containers retain product residue and can be hazardous. Care should be taken when handling emptied containers that have not been cleaned or rinsed out.

14. TRANSPORT INFORMATION

ROAD & RAIL TRANSPORT:

ADG REQUIREMENT

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

MARITIME TRANSPORT:

IMO/IMDG REQUIREMENT

Not classified as a Dangerous Good according to the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT:

ICAO/IATA REQUIREMENT

Not classified as a Dangerous Good according to the criteria of the International Maritime Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

POISON SCHEDULE:

Not scheduled.

PACKING & LABELLING:

No special packaging or labelling requirements.

AUSTRALIAN INVENTORY STATUS:

All components are listed or exempted.



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16. OTHER INFORMATION

CONTACT PERSON/POINT:

General Manager 1300 796 009

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.

LITERATURE REFERENCES:

- * NOHSC: 2011 National Code of Practice for the preparation of Material Safety Data Sheets.
- * Safe Work Australia: 2016 Preparation of Safety Data Sheets for Hazardous Chemicals.
- * NOHSC: 1008 Approved Criteria for Classifying Hazardous Substances.
- * NOHSC: 10005 List of Designated Hazardous Substances.
- * NOHSC: 1005 Control of Workplace Hazardous Substances, National Code of Practice.
- * NOHSC: 2007 Control of Workplace Hazardous Substances, National Code of Practice.
- * NOHSC: 1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards.
- * NOHSC: 3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note.
- * NOHSC: 1015 Storage and Handling of Workplace Dangerous Goods, National Standard.
- * NOHSC: 2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice.
- * SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons
- * ADG: Australian Dangerous Goods Code
- * MSDS of component materials.

LAST CHANGE:

Supersedes document issued: 22 May 2017.

Reason/s for revision: Minor editorial changes to comply with GHS requirements.

MR221001/1

END OF SDS



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