



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

5 Tarlington Place Smithfield NSW 2164

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www.hi-tecoils.com.au

SAFETY DATA SHEET

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Issue Date: 16 February 2017

Blue Kerosene

Version: 1

Product name: Blue Kerosene

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: Blue Kerosene

OTHER NAMES: Kerosene

MANUFACTURER'S PRODUCT CODE: HI8-3220B

USE: Solvent

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

STATEMENT OF HAZARDOUS NATURE: Hazardous according to the criteria of NOHSC, and GHS Classification. Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

DANGEROUS GOODS: Class: 3, Flammable liquid

POISON SCHEDULE: S5. Caution



SIGNAL WORD:

DANGER



AUSTRALIAN FAMILY OWNED SINCE 1989





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2. HAZARDS IDENTIFICATION (CONT)

GHS HAZARD CLASSIFICATIONS:

FLAMMABLE LIQUIDS:	Category 3
ASPIRATION HAZARD:	Category 2
SKIN CORROSION/IRRITANT:	Category 3
CHRONIC HAZARD TO THE AQUATIC ENVIRONMENT:	Category 2

HAZARD STATEMENTS:	H226 Flammable liquid and vapour. H305 May be harmful if swallowed and enters airways. H315 Causes skin irritation. H411 Harmful to aquatic life with long lasting effects.
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PREVENTION PRECAUTIONARY STATEMENTS:	P243 Take precautionary measures against static discharge. P260 Do not breathe dust/fume/gas/mist/vapours/spray. P262 Do not get in eyes, on skin, or on clothing. P273 Avoid release to the environment.
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RESPONSE PRECAUTIONARY STATEMENTS:	P301+P310 IF SWALLOWED: Call the POISONS INFORMATION CENTER on 13 11 26 or doctor if you feel unwell and have product container or label at hand.
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STORAGE PRECAUTIONARY STATEMENTS:	P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.
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DISPOSAL PRECAUTIONARY STATEMENT:	P501 Dispose of contents/container in accordance with local, regional, national and international regulations.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL ENTITY	CAS NO	PROPORTION
Kerosine, petroleum, hydrodesulfurized	8008-20-6	0 - 100 % (w/w)

4. FIRST AID MEASURES

GENERAL:	If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 13 11 26, New Zealand 0800 764 766).
INHALATION:	Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Seek immediate medical attention.
SKIN CONTACT:	Flush area with large amounts of water and wash area with soap if available. Remove contaminated clothing, including shoes, and launder before reuse. Seek medical attention for skin irritations.
EYE CONTACT:	Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention





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4. FIRST AID MEASURES (CONT)

INGESTION:	If swallowed, do NOT induce vomiting. Keep at rest. Seek immediate medical attention.
FIRST AID FACILITIES:	Provide eye baths and safety showers.
MEDICAL ATTENTION:	Treat according to symptoms. Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis.

5. FIRE FIGHTING MEASURES

GENERAL:	Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress, providing firefighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.
SUITABLE EXTINGUISHING MEDIA:	Dry chemical or foam
HAZARDS FROM COMBUSTION PRODUCTS:	Carbon dioxide and carbon monoxide, smoke and water.
PRECAUTIONS FOR FIRE FIGHTERS AND SPECIAL PROTECTIVE EQUIPMENT:	Full protective clothing and self-contained breathing apparatus.
HAZCHEM CODE:	3Y

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS:	Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.
LARGE SPILLS:	If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain / prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel and / or explosion proof pump or hand pump. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.



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7. HANDLING AND STORAGE

HANDLING:	This product is flammable. Do not open near open flame, sources of heat or ignition. No smoking. Keep container closed. Handle containers with care. Open slowly to control possible pressure release. Material will accumulate static charge. Use grounding leads to avoid discharge (electrical spark).
STORAGE:	Store in a cool, dry place away from direct sunlight. Do not pressurise, cut, heat or weld containers - residual vapours are flammable. This product is flammable and will fuel a fire in progress.
INCOMPATIBLE MATERIALS:	Natural Rubber, Butyl Rubber, EPDM, Polystyrene.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS:	The time weighted average concentration (TWA) for this product is: 5 g/m ³ (oil mist) when heated, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short-term exposure limit (STEL) which is the maximum allowable exposure concentration at any time is not specified.
BIOLOGICAL LIMIT VALUES:	Not available.
ENGINEERING CONTROLS VENTILATION:	The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.
PERSONAL PROTECTIVE EQUIPMENT:	Respiratory Protection: Where concentrations in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product. Eye Protection: Always use safety glasses or a face shield when handling this product. Skin/ Body Protection: Always wear long sleeves and long trousers or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves (e.g. PVC) be worn when handling this product.
HYGIENE MEASURES:	Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.



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9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Clear, blue liquid
BOILING POINT/RANGE (°C):	150 – 280
FLASH POINT (°C):	38
DENSITY @ 15°C (g/ml):	0.8
VAPOUR PRESSURE @ 20 °C (kPa):	<0.3
EXPLOSIVE LIMITS % (LEL – UEL):	Not available
VAPOUR DENSITY @ 20 °C (kPa):	Not available
AUTOIGNITION TEMPERATURE (°C):	Not available
VISCOSITY @ 20 °C (cSt):	Not available
PERCENT VOLATILES:	100
SOLUBILITY WITH WATER % (W/W):	Insoluble

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable at room temperature and pressure.
CONDITIONS TO AVOID:	Sources of heat and ignition, open flames.
HAZARDOUS DECOMPOSITION PRODUCTS:	No decomposition products except on burning. See "Fire Fighting Measures".
HAZARDOUS REACTIONS:	Strong oxidisers and heat
HAZARDOUS POLYMERISATIONS:	Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

INHALATION:	This product is irritating to the respiratory tract. Exposure to large concentrations over an extended period of time will result in muscle weakness, tingling in hands and feet, blurred vision, headaches, nausea, loss of appetite, hallucinations, and possible loss of consciousness.
SKIN CONTACT:	This product is irritating to the skin with prolonged exposure. It may result in dryness and cracking.



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11. TOXICOLOGICAL INFORMATION (CONT)

INGESTION:	Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting, may cause chemical pneumonitis, or pulmonary oedema. Ingesting any amount of this product will result in headaches, nausea, dizziness, and tracheal burning.
EYE CONTACT:	This product is irritating to eyes, but will not permanently damage the eye tissue.
CHRONIC EFFECTS:	No chronic health data is available for this product.
OTHER HEALTH EFFECTS INFORMATION:	None.
TOXICOLOGICAL INFORMATION:	Oral LD50: Oral: > 2000 mg/kg (rat); Dermal: > 2000 mg/kg (rabbit) Dermal TC _{Lo} : No data available.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

ECOTOXICITY

AQUATIC TOXICITY (RAINBOW TROUT, GLODFISH, BLUEGILL):	LC50(96hr): Based on data for a similar component or preparation, this product is expected to be toxic to aquatic organisms.
DAPHNE MAGNA EC ₅₀ (24HR):	Not available.
BLUE-GREEN ALGAE (TOXICITY THRESHOLD 7-8 DAYS):	Not available.
GREEN ALGAE (TOXICITY THRESHOLD 7-8 DAYS):	Not available.
PERSISTENCE / DEGRADABILITY:	Readily biodegradable. Oxidises rapidly by photo-chemical reactions in air. Does not bioaccumulate significantly.
MOBILITY:	If product enters soil, it will be highly mobile and may contaminate groundwater.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful. Ensure that empty packaging is allowed to dry.

SPECIAL PRECAUTIONS FOR

LANDFILL OR INCINERATION: This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product is ashless and can be burned directly in appropriate equipment.





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14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".



UN NO: 1223
DANGEROUS GOODS CLASS: 3
PACKING GROUP: III
HAZCHEM CODE: 3Y
PROPER SHIPPING NAME: KEROSENE

SEGREGATION DANGEROUS GOODS: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2), toxic substances (Class 6.1), infectious substances (Class 6.2) or radioactive substances (Class 7). Exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.



UN NO: 1223
DANGEROUS GOODS CLASS: 3
PACKING GROUP: III
HAZCHEM CODE: 3Y
PROPER SHIPPING NAME: KEROSENE



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14. TRANSPORT INFORMATION (CONT)

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.



UN NO: 1223
DANGEROUS GOODS CLASS: 3
PACKING GROUP: III
HAZCHEM CODE: 3Y
PROPER SHIPPING NAME: KEROSENE

15. REGULATORY INFORMATION

COUNTRY / REGION: Australia.
INVENTORY: AICS.
STATUS: Listed.
POISONS SCHEDULE: S5

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.





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16. OTHER INFORMATION (CONT)

- LITERATURE REFERENCES:
- * NOHSC:2011 National Code of Practice for the preparation of Safety Data Sheets.
 - * 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
 - * SDS of component materials.

LAST CHANGE: Supersedes document issued: New Document
Reason/s for revision: Aignment to GHS requirements.

MR712061/1

END OF SDS



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