



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

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

# SAFETY DATA SHEET

Page 1 of 8

Issue Date: 4 July 2018

Isopar M

Version: 1

**Product name:** Isopar M

## 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: Isopar M

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI8-3217

USE: Industrial solvent, plastics manufacture, cleaning chemicals.

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

OTHER INFORMATION: Visit our website: [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)  
Email: hitecoils@hi-tecoils.com.au

## 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE: HAZARDOUS SUBSTANCE  
NON-DANGEROUS GOODS  
Hazard classification according to criteria of NOHSC and GHS.  
Dangerous Goods classification according to the Australian Dangerous Goods Code.

POISON SCHEDULE: S5

GHS LABEL ELEMENTS:



SIGNAL WORD: DANGER



AUSTRALIAN FAMILY OWNED SINCE 1989





## SAFETY DATA SHEET

Page 2 of 8

Issue Date: 4 July 2018

Isopar M

Version: 1

### 2. HAZARDS IDENTIFICATION (CONT)

#### GHS HAZARD CLASSIFICATIONS

ASPIRATION TOXICANT:

Category 1

HAZARD STATEMENTS:

H304: May be fatal if swallowed and enters airways.

PREVENTION 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.

P378: Use sand, earth, or chemical foam to extinguish.

P301+312+101: IF SWALLOWED: Call the POISON INFORMATION CENTER on 13 11 26 or doctor and have product container or label at hand.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISTICS:

Liquid

INGREDIENTS:-

CHEMICAL ENTITY

Distillates (Petroleum), hydrotreated light

CAS NO

64742-47-8

PROPORTION

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.

INGESTION:

If swallowed, DO NOT induce vomiting. Keep at rest. Seek immediate medical attention.

EYE CONTACT:

Flush eyes with large amounts of water until irritation subsides. 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.

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.

FIRST AID FACILITIES:

Provide eye baths and safety showers.



## SAFETY DATA SHEET

Page 3 of 8

Issue Date: 4 July 2018

Isopar M

Version: 1

### 4. FIRST AID MEASURES (CONT)

**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.

**FIRE FIGHTING:**

Full protective clothing and self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

**EMERGENCY PROCEDURES:**

Prevent fluid from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

**METHODS OF CONTAINMENT:**

**Major Land Spill**

Eliminate sources of ignition.

Warn occupants of downwind areas of possible fire and explosion hazard.

Prevent liquid from entering sewers, watercourses, or low-lying areas.

Keep the public away from the area.

Shut off the source of the spill if possible and safe to do so.

Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.

Take measures to minimise the effect on the ground water.

Contain the spilled liquid with sand or earth.

Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

See "First Aid Measures" and "Stability and Reactivity"



## SAFETY DATA SHEET

Page 4 of 8

Issue Date: 4 July 2018

Isopar M

Version: 1

### 6. ACCIDENTAL RELEASE MEASURES (CONT)

#### METHODS OF CONTAINMENT:

##### Major Water Spill

Eliminate any sources of ignition.

Warn occupants and shipping in downwind areas of possible fire and explosion hazard.

Notify the port or relevant authority and keep the public away from the area.

Shut off the source of the spill if possible and safe to do so.

Confine the spill if possible.

Remove the product from the surface by skimming or with suitable absorbent material.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

See "First Aid Measures" and "Stability and Reactivity".

### 7. HANDLING AND STORAGE

#### SAFE HANDLING:

This product is combustible. 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).

#### SAFE STORAGE:

Store in a cool, dry place away from direct sunlight. Do not pressurise, cut, heat or weld containers - residual vapours are combustible. This product 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: 1200 mg/m<sup>3</sup> (152 ppm), which means the highest allowable exposure concentration in an eight-hour day for a five-day working week.

The short-term exposure limit (STEL) is: None specified; consider 5 g/m<sup>3</sup>, which is the maximum allowable exposure concentration at any time.

#### BIOLOGICAL LIMIT VALUES:

Not available.

#### ENGINEERING CONTROLS:

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.

#### EYE/FACE PROTECTION:

Always use safety glasses or a face shield when handling this product.

#### 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.





## SAFETY DATA SHEET

Page 5 of 8

Issue Date: 4 July 2018

Isopar M

Version: 1

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (CONT)

**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.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL:	Liquid
APPEARANCE:	Clear
COLOUR:	Colourless
BOILING POINT/RANGE (°C):	218 - 257
FLASH POINT (°C):	>94
DENSITY @ 15 °C (g/ml):	0.791
VAPOUR PRESSURE @ 20°C (kPa):	0.044
EXPLOSIVE LIMITS (LEL-UEL) (%):	0.6-4.9
VAPOUR DENSITY @ 20°C (kPa):	6.50
AUTO-IGNITION TEMPERATURE (°C):	>200
VISCOSITY @ 25°C (cSt):	3.57
PERCENT VOLATILES (%):	100
SOLUBILITY IN WATER (% w/w):	<0.10

### 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:	Carbon monoxide, carbon dioxide, and other organic complexes on incomplete burning or oxidation.
HAZARDOUS REACTIONS:	Oxidizing agents, mineral acids, halogenated organic compounds.
HAZARDOUS POLYMERISATION:	Will not occur.



## SAFETY DATA SHEET

Page 6 of 8

Issue Date: 4 July 2018

Isopar M

Version: 1

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE EFFECTS

##### INGESTION:

Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting, may cause chemical pneumonitis, or pulmonary oedema. Ingesting large amounts 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.

##### SKIN CONTACT:

This product is irritating to the skin with prolonged exposure. It may result in dryness and cracking.

##### INHALATION:

Inhalation of this product will yield moderate discomfort in large quantities. Vapour concentrations are irritating to nose and throat. Overexposure may be evident through dizziness, nausea, headaches and other central nervous system effects.

##### CHRONIC EFFECTS:

No chronic health data is available for this product.

##### OTHER HEALTH EFFECTS:

None.

##### TOXICOLOGICAL INFORMATION:

Oral LD<sub>50</sub>: > 5,000 mg/kg.

Dermal TC<sub>Lo</sub>: LC<sub>50</sub> > 5000 mg/m<sup>3</sup>.

### 12. ECOLOGICAL INFORMATION

#### ECOTOXICITY

##### AQUA TOXICITY:

Fish Toxicity (rainbow trout, gold fish, bluegill):

LC<sub>50</sub>(96hr): Based on data for a similar component or preparation, this product is expected to be toxic to aquatic organisms.

Daphnia Magna EC<sub>50</sub> (24 hr):

No data available

Blue-green algae (Toxicity threshold 7-8 days):

No data available

Green algae (Toxicity threshold 7-8 days):

No data available

##### PERSISTENCE AND DEGRADABILITY:

This product will evaporate and commence degradation on exposure to light and air.

##### MOBILITY:

This product is highly volatile and will rapidly evaporate to the air if released into the water.

### 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.





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

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

## SAFETY DATA SHEET

Page 7 of 8

Issue Date: 4 July 2018

Isopar M

Version: 1

### 13. DISPOSAL CONSIDERATIONS (CONT)

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.

### 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:

S5

AUSTRALIAN INVENTORY STATUS:

All components are listed or exempted.



AUSTRALIAN FAMILY OWNED SINCE 1989





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

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

# SAFETY DATA SHEET

Page 8 of 8

Issue Date: 4 July 2018

Isopar M

Version: 1

## 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: New Document

Reason/s for revision: Compliance with GHS requirements.

MR817040/1

END OF SDS



AUSTRALIAN FAMILY OWNED SINCE 1989

