



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 May 2017  
Parts Washing Solvent  
Version: 4

**Product name:** Parts Washing Solvent

## 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: Parts Washing Solvent

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI8-3350

USE: Solvent based degreaser/cleaning product

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  
DANGEROUS GOODS  
Hazard classification according to criteria of NOHSC and GHS  
Dangerous goods classification according to the Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

POISON SCHEDULE: S5

ADG CLASSIFICATION: Class 3: Flammable liquids

UN NUMBER: 1300, TURPENTINE SUBSTITUTE



AUSTRALIAN FAMILY OWNED SINCE 1989





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## 2. HAZARDS IDENTIFICATION (CONT)

### GHS LABEL ELEMENTS



SIGNAL WORD(S):

**DANGER**

### GHS HAZARD CLASSIFICATIONS

HAZARD STATEMENT:

H226: Flammable liquid and vapour.  
AUH066: Repeated exposure may cause skin dryness or cracking.  
H304: May be fatal if swallowed and enters airways.  
H336: May cause drowsiness or dizziness.  
H411: Toxic to aquatic life with long lasting effects.

PREVENTION STATEMENTS:

P102: Keep out of reach of children.  
P210: Keep away from heat, sparks, open flames and hot surfaces. - No smoking.  
P233: Keep container tightly closed.  
P261: Avoid breathing fumes, mists, vapours or spray.  
P262: Do not get in eyes, on skin, or on clothing.  
P271: Use only outdoors or in a well ventilated area.  
P273: Avoid release to the environment.  
P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE STATEMENTS:

P337: If eye irritation persists: seek medical attention.  
P301+P310: IF SWALLOWED: Immediately call the POISONS INFORMATION CENTER on 13 11 26 or doctor.  
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.  
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P370+P378: In case of fire, note the following. Normal foam, i.e. protein based foam that is not alcohol resistant, is the preferred medium for large fires. Try to contain spills, minimise spillage entering drains or water courses.

STORAGE STATEMENTS:

P402+P404: Store in a dry place. Store in a closed container.  
P403+P235: Store in a well-ventilated place. Keep cool.

DISPOSAL STATEMENT:

P501: If no in-house recycle or reclaim resources are suitable for this product, contact a specialist waste disposal company (see Section 13 of this SDS).



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## 3. IDENTIFICATION / COMPOSITION OF INGREDIENTS

Ingredients	CAS No	Conc, %	TWA (mg/m3)	STEL (mg/m3)
Naphtha (petroleum), hydrdesulfurized heavy	64742-82-1	pure*	not set	not set

\*Commercially pure. Includes 1,2,4-trimethyl benzene and Xylene isomers each at <10%.

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

## 4. FIRST AID MEASURES

### GENERAL INFORMATION:

You should call the POISONS INFORMATION CENTRE if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

### INHALATION:

First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

### SKIN CONTACT:

Gently blot away excess liquid. Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed.

### EYE CONTACT:

No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

### INGESTION:

If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.



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### 5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS:	This product is classified as flammable. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions. Any explosion will likely spread the fire to surrounding materials. Water spray may be used to cool drums involved in a fire, reducing the chances of an explosion. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.
EXTINGUISHING MEDIA:	Normal foam i.e. protein based foam that is not alcohol resistant, is the preferred medium for large fires. Try to contain spills, minimise spillage entering drains or water courses.
FIRE FIGHTING:	If a significant quantity of this product is involved in a fire, call the fire brigade. There is a danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.
FLASH POINT:	Typical 42°C (Abel)
UPPER FLAMMABILITY LIMIT:	6.5%
LOWER FLAMMABILITY LIMIT:	0.7%
AUTOIGNITION TEMPERATURE:	286°C (ASTM E-569); 245°C (DIN 51794)
FLAMMABILITY CLASS:	Flammable Category 3 (GHS); Flammable (AS1940)

### 6. ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE:	In the event of a major spill, prevent spillage from entering drains or water courses. Evacuate the spill area and deny entry to unnecessary and unprotected personnel. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. It should be fitted with a type A cartridge, suitable for organic vapours.
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### 6. ACCIDENTAL RELEASE MEASURES (CONT)

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Avoid using sawdust or other combustible material. Any electrical equipment should be non-sparking. Any equipment capable of building an electrostatic charge should be electrically grounded. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

### 7. HANDLING AND STORAGE

#### HANDLING:

Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

#### STORAGE:

This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Store in a cool, well ventilated area, and make sure that surrounding electrical devices and switches are suitable. Check containers periodically for leaks. Containers should be kept closed in order to minimise contamination and possible evaporation. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. If you keep more than 10000kg or L of Dangerous Goods of Packaging Group III, you may be required to license the premises or notify your Dangerous Goods authority. If you have any doubts, we suggest you contact your Dangerous Goods authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS 1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS 2210**.

#### SWA Exposure Limits

TWA (mg/m<sup>3</sup>)

STEL (mg/m<sup>3</sup>)

Exposure limits have not been established by SWA for this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.





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

VENTILATION:	No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists minimised.
EYE PROTECTION:	Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.
SKIN PROTECTION:	You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.
PROTECTIVE MATERIAL TYPES:	We suggest that protective clothing be made from the following materials: rubber, PVC.
RESPIRATOR:	Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above. Safety deluge showers should, if practical, be provided near to where this product is being used.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION & COLOUR:	Clear, colourless liquid
ODOUR:	Paraffinic odour
BOILING POINT:	Typically 162-192°C at 100kPa
FREEZING/MELTING POINT:	No specific data. Liquid at normal temperatures
VOLATILES:	Slowly volatile at 100°C, but completely volatile at higher temperatures
VAPOUR PRESSURE:	0.37 kPa at 20°C , 1.8kPa at 50°C (typical)
VAPOUR DENSITY:	No data
SPECIFIC GRAVITY:	Typically 0.78 at 15°C
WATER SOLUBILITY:	Insoluble
pH:	No data
VOLATILITY:	No data



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### 9. PHYSICAL AND CHEMICAL PROPERTIES (CONT)

ODOUR THRESHOLD:	No data
EVAPORATION RATE:	No data
COEFF OIL/WATER DISTRIBUTION:	No data
AUTOIGNITION TEMP:	286°C (ASTM E-569)

### 10. STABILITY AND REACTIVITY

REACTIVITY:	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
CONDITIONS TO AVOID:	This product should be kept in a cool place, preferably below 30°C. Keep away from sources of sparks or ignition. Any electrical equipment in the area of this product should be flame proofed.
INCOMPATIBILITIES:	Strong oxidising agents.
FIRE DECOMPOSITION:	Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.
POLYMERISATION:	This product will not undergo polymerisation reactions.

### 11. TOXICOLOGICAL INFORMATION

TOXICITY:	<p>A summary of white spirit type hydrocarbons can be found at <a href="http://www.inchem.org/documents/ehc/ehc/ehc187.htm">http://www.inchem.org/documents/ehc/ehc/ehc187.htm</a></p> <p>Ingestion of white spirit has been reported to produce gastrointestinal irritation with pain, vomiting and diarrhoea. Lesions of the mucous membranes in the oesophagus and the gastrointestinal tract followed the oral exposure. Owing to its low viscosity and low surface tension, white spirit poses a risk of aspiration into the lungs following oral exposure. A few ml of solvent aspirated into the lungs are able to produce serious bronchopneumonia and 10-30ml may be fatal. Prolonged dermal exposure to white spirit, e.g., resulting from wearing clothes that have been soaked or moistened by white spirit for hours, may produce irritation and dermatitis.</p> <p>Single cases of acute toxicity to the kidney, liver and bone marrow have been reported following exposure to white spirit at high levels. However, owing to lack of details and the sporadic nature of the reportings, the relevance of these findings is unclear.</p> <p>Prolonged and repeated exposures to high concentrations have resulted in hearing loss in rats. Solvent abuse and noise interaction in the work environment may cause hearing loss.</p> <p>Repeated exposure affects the central nervous system.</p> <p>Inhalation of aliphatic hydrocarbon vapours seems to show little toxicity.</p>
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## 12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment. Is a marine pollutant.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL:** This product may be recycled if unused, or it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by some means. If neither of these options is suitable in-house, contact a specialist waste disposal company.

## 14. TRANSPORT INFORMATION

**UN NUMBER:** 1300, TURPENTINE SUBSTITUTE.

**HAZCHEM CODE:** 3Y

**SPECIAL PROVISIONS:** 223

**LIMITED QUANTITIES:** ADG 7 specifies a Limited Quantity value of 5 L for this class of product.

**DANGEROUS GOODS CLASS:** Class 3, Flammable liquids.

**PACKING GROUP:** III

**PACKING METHOD:** P001, IBC03, LP01

Class 3 Flammable Liquids shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 2.1 (Flammable Gases where flammable liquids and flammable gases are both in bulk), 2.3 (Toxic Gases), 4.2 (Spontaneously Combustible Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), 6 (Toxic Substances, except Flammable Liquid is nitromethane), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.1 (Flammable Gases except where the Flammable Liquids and Flammable Gases are in bulk), 2.2 (Non-Flammable Non-Toxic Gases), 4.1 (Flammable Solids), 4.3 (Dangerous When Wet Substances), 6 (Toxic Substances, except where Flammable Liquid is nitromethane), 8 (Corrosive Substances), 9 (Miscellaneous Dangerous Goods), Foodstuffs or foodstuff empties.

## 15. REGULATORY INFORMATION

**POISONS SCHEDULE:** S5

**PACKING & LABELLING:** Refer to Section 14

**AUSTRALIAN INVENTORY STATUS:** This product is compliant with NICNAS regulations.  
The following ingredient: Naphtha (petroleum), hydrodesulfurized heavy, (as liquid hydrocarbon) is mentioned in the SUSMP.





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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 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: 28<sup>th</sup> September 2015

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

TN715001/1

END OF SDS