



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

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# SAFETY DATA SHEET

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Issue Date: 11 January 2017

Citra Solv

Version: 2

**Product name:** Citra Solv

## 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: Citra Solv

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI8-3069

USE: Cleaning solvent

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

HAZARDOUS CLASSIFICATION: This product is classified as: Hazardous according to the criteria of SWA Australia and GHS Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

POISON CLASSIFICATION: None allocated.

ADG CLASSIFICATION: Class 3: Flammable liquids.

UN NUMBER: 2319, TERPENE HYDROCARBONS, N.O.S.



GHS SIGNAL WORD: **DANGER.**



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## 2. HAZARDS IDENTIFICATION (CONT)

**HAZARD STATEMENT:**

H226: Flammable liquid and vapour.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H411: Toxic to aquatic life with long lasting effects.

**PREVENTION:**

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.  
P264: Wash contacted areas thoroughly after handling.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
P280: Wear protective gloves, protective clothing and eye or face protection.

**RESPONSE:**

P337: If eye irritation persists: seek medical attention.  
P362: Take off contaminated clothing and wash before reuse.  
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.  
P333+P313: If skin irritation or rash occurs: Get medical advice.  
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:**

P410: Protect from sunlight.  
P402+P404: Store in a dry place. Store in a closed container.  
P403+P235: Store in a well-ventilated place. Keep cool.

**DISPOSAL:**

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).

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients             | CAS No    | Conc,%    | TWA (mg/m3) | STEL (mg/m3) | NOHSC        |
|-------------------------|-----------|-----------|-------------|--------------|--------------|
| D-limonene              | 5989-27-5 | 80 approx | not set     | not set      | Xi: R38, R43 |
| Non hazardous detergent | secret    | to 100    | not set     | not set      | -            |

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.





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## 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:** Quickly and gently blot material from eyes. Flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes while holding the eyelid(s) open. Obtain medical advice if irritation becomes painful or lasts more than a few minutes.
- INGESTION:** If product is swallowed or gets in mouth, wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

## 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:** Preferred extinguishing media are carbon dioxide, dry chemical, and foam. Foam is the preferred medium for large fires. Ensure that no spillage enters drains or water courses.
- FIRE FIGHTING:** If a significant quantity of this product is involved in a fire, call the fire brigade.

## 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. Immediately call the Fire Brigade.
- Wear full protective clothing including eye/face protection. All skin areas should be covered. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective goggles.



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## 6. ACCIDENTAL RELEASE MEASURES (CONT)

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. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8).

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. Can be slippery on floors, especially when wet. 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.

Exothermic reactions leading to spontaneous combustion are possible when products of this type are absorbed onto porous materials such as zeolites, other mineral derived products, and even rags. Therefore, avoid the use of those materials and seek specialist advice in large scale cleanup processes.

## 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 MSDS 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:

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 10,000L of flammable liquids of Packaging Group III, you are probably 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.



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## 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**,  
Industrial Clothing: **AS 2919**,  
Industrial Eye Protection: **AS 1336** and **AS/NZS 1337**,  
Occupational Protective Footwear: **AS/NZS 2210**.

**EXPOSURE LIMITS** **TWA (mg/m<sup>3</sup>) STEL (mg/m<sup>3</sup>)** Exposure limits have not been established by NOHSC for any of the significant ingredients in this product.

**HANDLING EQUIPMENT:** 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.

**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 are minimised.

**EYE PROTECTION:** Eye protection such as protective glasses or goggles should be worn when there is a chance of irritant levels of vapours being generated. However, it would be better to remove the vapours or avoid their generation.

**SKIN PROTECTION:** If you believe you may have a sensitisation to this product or any of its declared ingredients, you should prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.

**PROTECTIVE MATERIAL:** 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 to slight yellow liquid.

**ODOUR:** Characteristic citrus fragrance.

**SPECIFIC GRAVITY:** 0.844

**FLASH POINT:** 48°C (Closed cup)

**UPPER FLAMMABILITY LIMIT:** No data.

**LOWER FLAMMABILITY LIMIT:** No data.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES (CONT)

|                               |  |
|-------------------------------|--|
| FLAMMABILITY CLASS:           | Flammable                                      |
| BOILING POINT:                | 175°C at 100kPa                                |
| FREEZING/MELTING POINT:       | -75°C  |
| VOLATILES:                    | No specific data. Expected to be low at 100°C. |
| VAPOUR PRESSURE:              | No data.                                       |
| VAPOUR DENSITY:               | No data.                                       |
| WATER SOLUBILITY:             | Insoluble.                                     |
| pH:                           | No data.                                       |
| VOLATILITY:                   | No data.                                       |
| ODOUR THRESHOLD:              | No data.                                       |
| EVAPORATION RATE:             | No data.                                       |
| COEFF OIL/WATER DISTRIBUTION: | No data.                                       |
| AUTOIGNITION TEMP:            | No data.                                       |

## 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.<br>See Section 6 of this MSDS regarding reactivity with porous materials and rags.          |
| CONDITIONS TO AVOID: | This product should be kept in a cool place, preferably below 30°C. Keep away from sources of sparks or ignition. Handle and open containers carefully.  |
| INCOMPATIBILITIES:   | Oxidising agents, porous materials such as zeolites and similar mineral products, rags.  |
| FIRE DECOMPOSITION:  | Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke; water.<br>Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death. |
| POLYMERISATION:      | Polymerisation reactions are unlikely; they are not expected to occur.   |



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## 11. TOXICOLOGICAL INFORMATION

### TARGET ORGANS:

There is no data to hand indicating any particular target organs.  
D-limonene is classed by NOHSC as a potential sensitiser by skin contact.  
Note: sensitisation to ingredients such as d-limonene occurs in only a small percentage of persons, but those who are sensitised may show severe reactions. Most people may use this product in complete safety, however those sensitised to d-limonene should avoid contact with this product.

### INHALATION:

Short Term Exposure: Significant inhalation exposure is considered to be unlikely. Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation.

Long Term Exposure: No data for health effects associated with long term inhalation.

### SKIN CONTACT:

Short Term Exposure: Classified as a potential sensitiser by skin contact. Exposure to a skin sensitiser, once sensitisation has occurred, may manifest itself as skin rash or inflammation, and in some individuals this reaction can be severe. In addition product may be irritating, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term skin exposure.

### EYE CONTACT:

Short Term Exposure: Exposure via eyes is considered to be unlikely. This product may cause eye irritation when present at high vapour pressures; for example when heated or in enclosed spaces. In addition product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term eye exposure.

### INGESTION:

Short Term Exposure: Significant oral exposure is considered to be unlikely. This product, while believed to be not harmful, is likely to cause headache and gastric disturbance such as nausea and vomiting if ingested in significant quantities. This product is unlikely to cause any irritation problems in the short or long term.

Long Term Exposure: No data for health effects associated with long term ingestion.

### CARCINOGEN STATUS:

**NOHSC:** No significant ingredient is classified as carcinogenic by NOHSC.

**NTP:** No significant ingredient is classified as carcinogenic by NTP.

**IARC:** D-limonene is Class 3 - unclassifiable as to carcinogenicity to humans. See the IARC website for further details. A web address has not been provided as addresses frequently change.



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## 12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment. Insufficient data to be sure of status.

## 13. DISPOSAL CONSIDERATIONS

Disposal: Containers should be emptied as completely as practical before disposal.  
If possible, recycle containers either in-house or send to recycle company.  
If this is not practical, send to a commercial waste disposal site.  
Please do NOT dispose into sewers or waterways.

## 14. TRANSPORT INFORMATION

ADG CODE: 2319, TERPENE HYDROCARBONS, N.O.S.

HAZCHEM CODE: 3[Y]

DANGEROUS GOODS CLASS: CLASS 3, FLAMMABLE LIQUIDS.

PACKAGING GROUP: III

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

SUSDP CLASSIFICATION: NONE ALLOCATED.

ADG CLASSIFICATION: Class 3 (TERPENE HYDROCARBONS, N.O.S.)

UN NUMBER: 2319

AICS: All of the significant ingredients in this formulation are to be found in the public AICS Database.





# SAFETY DATA SHEET

## 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.
- \* 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: 30 December 2012  
Reason/s for revision: Minor editorial changes to comply with GHS requirements.

MR711011/1

END OF SDS