



# MATERIAL SAFETY DATA SHEET

## SECTION 1 – IDENTIFICATION

**Product Name**                    **CITRA SOLVE**

**Recommended Use**            Heavy Duty Water Soluble Degreaser

**Supplier**                            TASMAN CHEMICALS PTY LTD  
**ACN :**                                    005 072 659  
**Street Address**                    1-7 Bell Grove, Braeside ,  
   Victoria 3195 AUSTRALIA

**Telephone Number**            (03) 9587 6777  
**Facsimilie**                            (03) 9587 5255  
**Email**                                    taschem@taschem.com.au  
**Website**                                www.tasmanchemicals.com.au

**Emergency Telephone Number**    1 800 334 556

## SECTION 2 – HAZARDS IDENTIFICATION

**Hazardous according to criteria of Worksafe Australia.**

Hazard Category :    Xn    (Harmful)

### Risk Phrases

R20/21            Harmful by inhalation and in contact with skin  
R37/38            Irritating to respiratory system and skin  
R65                Harmful: may cause lung damage if swallowed  
R66                Repeated exposure may cause skin dryness and cracking

### Safety Phrases

S2                 Keep out of reach of children  
S23                Do not breathe gas/fumes/vapour/spray  
S24                Avoid contact with skin  
S61                Avoid release to the environment.  
S36/37            Wear suitable protective clothing and gloves  
S37/39            Wear suitable gloves and eye/face protection

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Proportion (%m/m)</u>
D'Limonene	138-86-3	H

Nonionic Surfactants Vegetable based	68515-73-1	M
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**H>60%    M=10-60%    L=<10%**

## SECTION 4 – FIRST AID MEASURES

### **First Aid**

- Swallowed: If swallowed DO NOT induce vomiting. Wash out mouth with water. Where vomiting occurs naturally have head below hip level in order to reduce risk of aspiration. Seek immediate medical assistance or contact the Poisons Information Centre immediately.
- Eye: If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised by the Poisons Information Centre or a doctor, or for at least 15 minutes.
- Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
- Inhaled: Remove victim from source of contamination or move victim to fresh air. Allow patient to assume most comfortable position. Seek medical attention if effects persist.

### **Advice to Doctor**

Treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

### **Fire/Explosion Hazard**

This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition. Hoses should be electrically continuous and containers bonded to avoid static charge build-up. Keep the container tightly closed.

### **Extinguishing Media**

Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers cool.

### **Special Fire Fighting Procedures**

In the event of a fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face operated in the pressure demand or other positive pressure mode.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### **Spills**

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (eg vermiculite, dry sand, or earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Place used absorbent in suitable sealed containers, follow state or local authority regulations and guidelines for the disposal of the waste. Clean area with detergent and water – do not allow product to enter drains, sewers or watercourses – inform the local authorities if this occurs.

## SECTION 7 – HANDLING AND STORAGE

**Handling** : Avoid skin and eye contact.

**Storage** : Under normal weather conditions store in a well-ventilated area. Keep containers closed at all times when not in use. Check regularly for leaks.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits** : No value assigned for this specific material by the Occupational Health and Safety Commission

**Engineering Control Measures** : Natural ventilation should be adequate under normal use conditions, Keep containers closed when not in use.

### **Personal Protective Equipment** :

Eye: Safety glasses with side shields  
Hands: Impervious plastic or rubber gloves.  
Other: Not applicable  
Respirator: Use with adequate ventilation.

Always wash hands before eating, drinking, smoking or using the toilet.

Wash contaminated clothing and other protective equipment before storage and reuse.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Liquid	Vapour Pressure	Not applicable
Melting Point:	Not applicable	Flash Point:	70 °C
Boiling Point:	Not applicable	Flammable Limits:	Not applicable
Specific Gravity	0.87 grams/mL (approximately)	Solubility:	Immiscible in water

## SECTION 10 – STABILITY AND REACTIVITY

**Stability** Incompatible with strong oxidising agents

**Reactivity** May react with strong oxidants.

## SECTION 11 – TOXOLOGICAL INFORMATION

### **Health Effects**

No adverse health effects expected if the material is handled in accordance with the Material Safety Data Sheet. Symptoms that may arise if the material is mishandled are :

### **Acute Effects**

Swallowing: Ingestion causes burning sensation in mouth and stomach, nausea, vomiting and salivation. Minute amounts aspirated into the lungs can produce a severe hemorrhagic pneumonitis with severe pulmonary injury.

Eye: Will cause eye irritation. Splashes cause severe irritation, possible corneal burns and eye damage.

Skin: Skin contact results in loss of natural oils and often results in a characteristic dermatitis. May be absorbed through the skin.

Inhaled: Inhalation of vapours may be irritating to the nose and throat. Inhalation of high concentrations may result in nausea, vomiting, headache, ringing in the ears, and severe breathing difficulties which may be delayed in onset.

### **Chronic Effects**

Chronic inhalation can cause headache, loss of appetite, nervousness and pale skin. Repeated or prolonged skin contact may cause a skin rash. Repeated exposure of the eyes to high concentrations of vapor may cause reversible eye damage.

## **SECTION 12 – ECOLOGICAL INFORMATION**

Do not contaminate waterways. Minor spills and residue may be hosed down with excess water to trade waste treatment plant. Major spills should be contained, and placed in sealed plastic or epoxy-lined drums for disposal

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

Dispose of waste according to federal, EPA and state regulations. If possible contain spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute BUT contain. If large quantities of this material enters the waterways contact the Environmental Protection Authority or you local Waste Management Authority

## **SECTION 14 – TRANSPORT INFORMATION**

Not classified as a Dangerous Good by the Criteria of the Australian Dangerous Good Code

Proper Shipping Name :	Not applicable
UN Number :	Not applicable
Dangerous Goods Class :	Not applicable
Subsidiary Risk :	Not applicable
Hazchem Code :	Not applicable
Packing Group :	Not applicable

## **SECTION 15 – REGULATORY INFORMATION**

<b>Classification</b>	Based upon information, classified as hazardous according to criteria of NOHSC
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<b>Poisons Schedule</b>	Not applicable
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## **SECTION 16 – OTHER INFORMATION**

Contact Points

<b><u>Organisation</u></b>	<b><u>Location</u></b>	<b><u>Telephone</u></b>	<b><u>Ask For</u></b>
Tasman Chemicals Pty Ltd	Braeside, Victoria, Australia	(03) 9587 6777	Technical Manager
Poisons Information Centre		13 1126	

MSDS are updated frequently. Please ensure that you have a current copy.

*This MSDS summarises our best knowledge of the health and safety hazard information of the product; how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Tasman Chemicals Pty Ltd. Our responsibility for products sold are subject to our standard terms and conditions, a copy of which appears on all invoices. It is also available on request. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used including good industrial hygiene.*