

AUSTRALIAN CHEMICAL REAGENTS  
**SAFETY DATA SHEET**

Date Prepared: December 2016  
Version No: 5

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**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

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Product Name: Base Neutraliser  
Product Code: 2783  
Other Names: Nil  
Uses: Neutraliser & Absorbent for spilled bases

Supplier: Australian Chemical Reagents  
38-50 Bedford Street Gillman SA 5013

Contacts: Telephone: 61 08 84402000  
Fax: 61 08 84402001  
Emergency Phone: 61 08 84402000 Mon – Fri 8:30am – 5:00pm

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**2. HAZARDS INFORMATION**

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**GHS Classification** Serious Eye Damage/Irritation: Category 2A

**Signal Word(s)** WARNING  
**Pictogram(s)**



**Hazard Statement(s)** H319 Causes serious eye irritation.

**Precautionary Statement(s)**  
**Preventative**

P280 Wear protective eye and face protection.

**Response**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.

**Disposal** P501 Dispose of contents/container to an approved waste disposal plant.

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

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**Ingredients :**

Chemical Entity	CAS No	Proportion
Citric Acid	[ 77-92-9 ]	50%
Inert granules	-	50%

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#### 4. FIRST AID MEASURES

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Safety showers and eye wash facilities should be provided.

**Swallowed :**

If conscious wash out mouth with water. Seek medical advice. Show this SDS to medical practitioner.

**Eye :**

Immediately hold eyelids open and flood with water for at least 15 minutes. Obtain medical aid. Show this SDS to medical practitioner.

**Skin :**

Remove contaminated clothing. Immediately wash skin thoroughly with water and mild soap. Seek medical advice if irritation persists. Show this SDS to medical practitioner. Launder clothing before reuse.

**Inhaled :**

Remove from contaminated air. Maintain breathing with artificial respiration if necessary. Seek medical assistance. Show this SDS to a doctor.

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#### 5. FIRE FIGHTING MEASURES

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**Suitable Extinguishing Media:**

Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**Hazards From Combustion Products:**

The product will not burn or support combustion. Decomposition products include carbon oxides.

**Precautions For Fire Fighters and Special Protective Equipment:**

Fire fighters and others who may be exposed to combustion products during fire should wear full protective clothing including positive pressure self-contained breathing apparatus (SCBA). Wear SCBA with full face-piece, operated in positive pressure mode when fighting fires.

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#### 6. ACCIDENTAL RELEASE MEASURES

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**Emergency procedures:**

Prevent from entering waterways. Restrict access to area. Remove chemicals that can react with the spilled material.

**Methods and materials for containment and clean up:**

Use inert material such as sand or earth to contain spill or leak. Absorb spills with chemical absorber or vermiculite and dispose of in accordance with local regulations.

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#### 7. HANDLING AND STORAGE

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**Precautions for Safe Handling:**

Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

**Conditions for Safe Storage:**

Store sealed in original container in a cool well ventilated situation away from foods and other chemicals. Do not store in direct sunlight. Keep dry. Observe good hygiene and housekeeping practices.

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#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**National Exposure Standards:**

SWA –

Inspirable Dust TWA 10 mg/m<sup>3</sup>

**Biological Limit Values:** No data available.

**Engineering Controls:**

Not required with normal use. If dust clouds are likely to be generated maintain atmospheric concentrations well below exposure standards with extraction ventilation.

**Personal Protective Equipment (PPE):**

The use of nitrile or neoprene gloves complying with AS 2161 and the use of faceshield, chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended. If respiratory protection is required use in accordance with AS/NZS 1715 Selection Use & Maintenance of Respiratory Devices and AS/NZS 1716 Respiratory Protective Devices

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance :</b>	Brown granules
<b>Odour:</b>	Nil
<b>pH:</b>	Acidic
<b>Boiling Point (°C) :</b>	Not applicable
<b>Freezing/melting Point:</b>	Not applicable
<b>Vapour Pressure (mm of Hg @ 25°C) :</b>	Not applicable
<b>Vapour Density:</b>	Not applicable
<b>Specific Gravity :</b>	1.2
<b>Flash Point (°C) :</b>	Not flammable
<b>Flammability Limits (%) :</b>	Not flammable
<b>Solubility in Water (g/L) :</b>	Partially soluble

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## 10. STABILITY AND REACTIVITY

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**Chemical stability:**

Stable.

**Conditions to avoid:**

Exposure to air. Absorbs moisture.

**Incompatible materials:**

Acids, organic materials, aluminum, phosphorus, tin and zinc.

**Hazardous decomposition products:**

Refer to section 5 (Fire Fighting Measures).

**Hazardous reactions:**

Hazardous polymerization will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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**Health Effects:**

**Swallowed :** Irritating to tissue. For citric acid oral - rat LD50 6730mg/kg.

**Eye :** Irritating to eye tissue. For citric acid 750 ug applied to rabbit eyes for 24 hours produced severe irritation of rabbit eyes.

**Skin :** Irritating to skin tissue.

**Inhaled :** Not considered a hazard with normal laboratory use.

**Chronic Effects:** None known.

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity:**

No data available. Do not allow to enter waterways.

**Persistence and degradability:**

No data available.

**Mobility:**

No data available.

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## 13. DISPOSAL CONSIDERATIONS

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Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations.

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## 14. TRANSPORT INFORMATION

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**UN Number:** Not applicable

**UN Proper Shipping Name:** Non dangerous goods

**Class and subsidiary risk(s):** Not applicable

**Packing Group:** Not applicable

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**Hazchem Code:** Not applicable  
**Special precautions for user :** Nil

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## 15. REGULATORY INFORMATION

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### Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP):

Not scheduled

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## 16. OTHER INFORMATION

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