



## COLIN CAMPBELL (CHEMICALS) PTY. LTD.

### MATERIAL SAFETY DATA SHEET

Date of Issue: 1 January 2008

#### 1) IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** RAYNOX WATER SOFTENER  
**Other Names:** None  
**Chemical Group:** Tetrasodium ethylenediaminetetraacetate, aqueous solution.  
**Recommended Use:** To counter the water hardness in water used for spraying Raynox Apple Sunburn Protectant.  
**Supplier Details:** Colin Campbell (Chemicals) Pty Ltd ABN 29 000 045 590  
5 Blackfriar Place  
Wetherill Park NSW 2164  
**Telephone:** (02) 9725 2544  
**Fax:** (02) 9604 7768  
**Email:** [cccsyd@campbellchemicals.com.au](mailto:cccsyd@campbellchemicals.com.au)  
**Website:** [www.campbellchemicals.com.au](http://www.campbellchemicals.com.au)  
**Contact:** Product Development Manager – (02) 9725 2544  
**Emergency Telephone Number:** (02) 9725 2544 – 8am to 6pm Monday to Friday.

#### 2) HAZARDS IDENTIFICATION

##### HAZARDOUS SUBSTANCE - NON-DANGEROUS GOOD

**Hazardous classification:** Hazardous according to the criteria of the National Occupational Health & Safety Commission (NOHSC)  
**Risk phrases:** None applicable  
**Safety phrases:** See sections 4,5,6,7,8,10,12,13  
**ADG Classification** Not a Dangerous good for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.  
**SUSDP classification:** Unscheduled

#### 3) COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration
Tetrasodium ethylenediaminetetraacetate	64-02-8	10-40%

#### 4) FIRST AID MEASURES

**If poisoning occurs, immediately contact a doctor or Poison Information Centre (Ph: 13 11 26) and follow the advice given. Show this Material Safety Data Sheet to the doctor.**

**Inhalation:** Remove to fresh air and keep at rest. If breathing is difficult, administer oxygen. If breathing has stopped, give CPR. Seek medical assistance.

**Skin Contact:** Carefully remove contaminated clothing. Wash affected areas with water for 15 minutes. Seek medical advice.



## COLIN CAMPBELL (CHEMICALS) PTY. LTD.

### MATERIAL SAFETY DATA SHEET

Date of Issue: 1 January 2008

#### 4) FIRST AID MEASURES continued

<b>Eye contact:</b>	Check and remove any contact lenses. Rinse eyes immediately with clean water for at least 15 minutes and seek medical aid.
<b>Ingestion:</b>	Rinse mouth with water and drink several glasses of water or milk. DO NOT INDUCE VOMITING. Do not give anything by mouth to an unconscious person. Obtain medical attention.
<b>First Aid facilities</b>	Ensure eye wash and safety shower are available.
<b>Medical Attention:</b>	Treat symptomatically.

#### 5) FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Alcohol foam, water fog, carbon dioxide, dry chemical
<b>Hazardous combustion products</b>	In a fire, formation of carbon monoxide, carbon dioxide, ammonia, nitrogen oxides and various hydrocarbons can be expected.
<b>Precautions for fighting fires</b>	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Keep unnecessary people away. If it can be done safely remove intact containers from the fire. Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of extinguishing agent and spillage safely later. Do not release contaminated water into the environment.
<b>Hazchem Code</b>	None available

#### 6) ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled material or contaminated surfaces. Do not smoke, eat or drink during the clean up process. Wear personal protective clothing and equipment as detailed in Section 8 PERSONAL PROTECTION. Keep people and animals away. Contain spill and absorb with earth, sand, clay or other absorbent material. Prevent spilled material from entering drains or watercourses. Collect and store in properly labelled drums for safe disposal. Clean floor with a damp cloth and place it in the drum. Seal drums and label ready for safe disposal. Deal with all spillages immediately. If contamination of drains, streams, watercourses etc is unavoidable warn the local water authority.

#### 7) HANDLING AND STORAGE

<b>Handling</b>	Keep out of reach of children. Will irritate eyes and skin. Avoid contact with eyes and skin. Do not inhale spray mist. After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves and contaminated clothing.
<b>Storage</b>	Store in the closed original container in a cool well ventilated area. Do not store for prolonged periods in direct sunlight. Store in a locked room away from children, animals, food, animal feed, seed and fertilisers.
<b>Flammability</b>	Not flammable

#### 8) EXPOSURE CONTROL/PERSONAL PROTECTION



## COLIN CAMPBELL (CHEMICALS) PTY. LTD.

### MATERIAL SAFETY DATA SHEET

Date of Issue: 1 January 2008

<b>Exposure Standards</b>	None set.
<b>Biological Limit Values</b>	None allocated
<b>Engineering Controls</b>	Control process conditions to avoid contact. Use in a well ventilated area only.
<b>Personal Protective Equipment</b>	Eyes: Safety goggles or face shield if exposure is possible Clothing: Long sleeved shirt, long trousers, shoes. Gloves: Latex or rubber gloves Respiratory: Not normally required. If inhalation is likely an AS/NZS 1715/1716 approved respirator should be worn.

#### 9) PHYSICAL AND CHEMICALS PROPERTIES

<b>Appearance:</b>	Pale yellow translucent liquid
<b>Odour:</b>	Slight amine
<b>Vapour pressure:</b>	<17mm Hg at 20°C
<b>Vapour density:</b>	No data
<b>Boiling point:</b>	100°C
<b>Melting point:</b>	Not applicable
<b>pH:</b>	No data
<b>Solubility:</b>	Soluble in water
<b>Specific gravity:</b>	~ 1.2
<b>Flash point:</b>	No data
<b>Flammability (explosive) limit:</b>	No data
<b>Auto ignition temperature:</b>	Not applicable
<b>Partition coefficient (octanol/water):</b>	No data

#### 10) STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under normal conditions of use.
<b>Conditions to avoid:</b>	None known
<b>Incompatible materials :</b>	Will react with strong oxidising agents e.g. Hypochlorites, Hydrogen Peroxide, Potassium Permanganate, Persulphates etc.
<b>Hazardous decomposition products:</b>	Ammonia, carbon dioxide, carbon monoxide, nitrogen oxides, various hydrocarbons.
<b>Hazardous reactions:</b>	None known



## COLIN CAMPBELL (CHEMICALS) PTY. LTD.

### MATERIAL SAFETY DATA SHEET

Date of Issue: 1 January 2008

#### 11) TOXICOLOGICAL INFORMATION

- Swallowed:** May cause gastrointestinal irritation and irritation/burns of mouth and throat.
- Eyes:** May cause severe irritation with corneal injury.
- Skin:** Prolonged exposure may cause may cause irritation and redness.
- Inhaled:** May cause irritation to upper respiratory tract.

#### 12) ECOLOGICAL INFORMATION

No data

#### 13) DISPOSAL CONSIDERATIONS

Triple or preferable pressure rinse containers before disposal. Add rinsings to the mixing tank. Do not dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

#### 14) TRANSPORT INFORMATION

<b>UN Number:</b>	Not applicable
<b>Proper Shipping name:</b>	Not applicable
<b>Class and subsidiary risk:</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>EPG:</b>	Not applicable
<b>Hazchem code:</b>	Not applicable

#### 15) REGULATORY INFORMATION

No regulatory information.

#### 16) OTHER INFORMATION

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of the how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made the user should contact this company.

**END OF MSDS**