

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**GO 2011 speed****2012 0000**

Revision date: 10.03.2021

Product code: 2012\_AUS\_DD

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Plaster and Alginate Remover, ready for use

**Uses advised against**

No information available.

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Company name: Renfert GmbH  
Street: Untere Giesswiesen 2  
Place: D-78247 Hilzingen  
Telephone: +49 7731 8208-0 Telefax: +49 7731 8208-70  
e-mail: info@renfert.com  
Internet: www.renfert.com

**Supplier**

Company name: Durodent Dental Supplies  
Street: Unit 6 / 51 Jersey Road  
Place: VIC 3153 AUS Bayswater  
Telephone: +61 (03) 9720 6700  
e-mail: sales@durodent.com.au  
Responsible Department: For non-urgent inquiries refer to:  
Durodent Dental Supplies (Office) Phone: (03) 97206700  
This number is only available during the following office hours:  
Mon-Thurs 09:00am - 5:00pm / Friday 09:00 - 4:30pm AEST  
Australien Poisons Information Centre (National) 13 11 26 - 24 Hours / 7 Days

**1.4. Emergency telephone number:****SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Signal word:** Warning**Pictograms:****Hazard statements**

H315

Causes skin irritation.

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H319 Causes serious eye irritation.

**Precautionary statements**

P280 Wear protective gloves and eye/face protection.  
 P337+P313 If eye irritation persists: Get medical advice/attention.

**2.3. Other hazards**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Complexing agent

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
65501-24-8	Tripotassium hydrogen ethylenediaminetetraacetate			< 30 %
	241-543-5		01-2119904770-43	
	Acute Tox. 4; H332			
584-08-7	Potassium Carbonate			5 - 15 %
	209-529-3		01-2119532646-36	
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335			

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
65501-24-8	241-543-5	Tripotassium hydrogen ethylenediaminetetraacetate	< 30 %
	inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: LD50 = 2800 mg/kg		

**Labelling for contents according to Regulation (EC) No 648/2004**

15 % - &lt; 30 % EDTA and salts thereof.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Take off contaminated clothing and wash it before reuse.

**After inhalation**

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

If skin irritation occurs: Get medical advice/attention.

**After contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. In case of eye irritation consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

Medical treatment necessary.

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**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

**5.2. Special hazards arising from the substance or mixture**

Thermal decomposition can lead to the escape of irritating gases and vapours.

**5.3. Advice for firefighters**

No special fire protection measures are necessary.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General measures**

Use personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with eyes and skin.

Wear personal protection equipment (refer to section 8).

When using do not eat, drink or smoke.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

No special measures are necessary.

**Further information on storage conditions**

Do not store at temperatures below 0 °C

**7.3. Specific end use(s)**Please refer to our internet website for more information: [www.renfert.com](http://www.renfert.com)**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

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**Additional advice on limit values**

To date, no national critical limit values exist.

**8.2. Exposure controls****Appropriate engineering controls**

See section 7. No additional measures necessary.

**Protective and hygiene measures**

Do not breathe vapour.

Avoid contact with skin, eyes and clothes.

Wash hands before breaks and after work.

Keep away from food, drink and animal feedingstuffs.

**Eye/face protection**

Wear eye/face protection.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. (EN ISO 374)

Suitable material: Butyl caoutchouc (butyl rubber), NBR (Nitrile rubber)

Thickness of the glove material: 0,4 mm

Breakthrough time: &gt; 480 min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

**Respiratory protection**

Usually no personal respiratory protection necessary.

Provide adequate ventilation.

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	colourless
Odour:	odourless
pH-Value (at 20 °C):	8

**Changes in the physical state**

Melting point:	not determined
Boiling point or initial boiling point and boiling range:	100 °C
Flash point:	not applicable

**Flammability**

Solid/liquid:	not applicable
Gas:	not applicable

**Explosive properties**

not explosive according to EU A.14

Lower explosion limits:	not determined
Upper explosion limits:	not determined
Auto-ignition temperature:	not determined

**Self-ignition temperature**

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Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

**Oxidizing properties**

Not oxidising.

Vapour pressure: 23 hPa  
(at 20 °C)Density (at 20 °C): 1,10 - 1,30 g/cm<sup>3</sup>

Water solubility: completely miscible

Partition coefficient n-octanol/water: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Relative vapour density: not determined

Evaporation rate: not determined

**9.2. Other information**

Solid content: &gt; 30 %

No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The mixture is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

No special measures are necessary.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**Carbon dioxide (CO<sub>2</sub>)**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
65501-24-8	Tripotassium hydrogen ethylenediaminetetraacetate				
	oral	LD50 2800 mg/kg	Rat	IUCLID	OECD 401
	inhalation vapour	ATE 11 mg/l			
	inhalation aerosol	ATE 1,5 mg/l			

**Irritation and corrosivity**

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Causes skin irritation.

Causes serious eye irritation.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Further information**

The product has not been tested. The statement is derived from the properties of the single components.

**SECTION 12: Ecological information****12.1. Toxicity**

There are no data available on the mixture itself.

**12.2. Persistence and degradability**

There are no data available on the mixture itself.

**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.7. Other adverse effects**

No information available.

**Further information**

The product has not been tested. The statement is derived from the properties of the single components. Do not allow uncontrolled discharge of product into the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation.

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

**Marine transport (IMDG)****Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

**Air transport (ICAO-TI/IATA-DGR)**

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**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

not applicable

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3

2004/42/EC (VOC): not applicable

**Additional information**

Labelling for contents according to regulation (EC) No. 648/2004:

15 - &lt; 30 % EDTA and salts thereof

**National regulatory information**

Water hazard class (D): 2 - obviously hazardous to water

**Additional information**

REGULATION (EC) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on substances that deplete the ozone layer: not applicable

REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on persistent organic pollutants

: not applicable

REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the export and import of hazardous chemicals: not applicable

**SECTION 16: Other information****Abbreviations and acronyms**

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LD50: lethal dose, 50%

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement concernant le transport international ferroviaire de marchandises Dangereuses (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

VOC: volatile organic compound(s)

**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method

**Relevant H and EUH statements (number and full text)**

H315 Causes skin irritation.

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H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. Restricted to professional users.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*