

## Safety Data Sheet

### Product: Dental Plaster Remover

#### 1. Product and company identification.

Product Name	Dental Plaster Remover.
Supplier	Walker Electronics Limited, Collingham, Newark, NOTTS.. NG23 7LA. Telephone 01636 892410. Fax 01636 894824.

#### 2. Composition I information on ingredients.

Chemical	% Conc.	Classification	CAS	EINECS
Tetrasodium EDTA	38%	Xn; R22-36	64-02-8	200-573-9
Sodium hydroxide	0.5 – 2%	C;R35	1310-73-2	215-185-5

#### 3. Hazards information.

Adverse human health effects                      Irritating to the eyes & skin.

#### 4. First-aid measures.

	<u>Symptom</u>	<u>Treatment</u>
Inhalation	Slight irritation of mucus membranes	Remove from exposure, rest and keep warm. If recovery is not rapid or complete seek medical attention.
Skin contact	Irritation or redness	Drench skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention.
Eye contact	Irritation	Irrigate thoroughly with water for at least 10 minutes. Seek medical advice.
Ingestion	Irritation to the upper digestive tract.	Wash out mouth with water. If patient is Conscious, give water to drink. DO NOT induce vomiting. If patient feels unwell Seek medical attention.

#### 5. Fire fighting measures.

Extinguishing media:	
Suitable	Foam, Water spray.
Hazardous combustion products	Oxides of Nitrogen and Carbon
Special equipment for fire fighting	Self contained breathing apparatus

#### 6. Accidental release measures.

Safety precautions	Wear appropriate PPE – see section 8.
Environmental precautions	DO NOT discharge into drains or rivers.
Method for cleaning up	Absorb with inert absorbent material, sand or earth. Absorb the residue then subsequently wash the spill site with plenty of water.

#### 7. Handling and storage.

<u>Handling.</u>	
Technical measures	Good Ventilation is required
<u>Storage.</u>	
Temperature	Cool
Humidity	Dry
Keep away from	See section 10
Suitable storage media	Plastic (polyethylene, polypropylene). DO NOT use fibreglass drums.

### **8.Exposure controls/personal protection.**

Personal protective equipment	
Respiratory	Type approved RPE for alkali mists if required
Hand protection	Protective gloves made of PVC
Eye protection	Goggles
Skin	Overalls PVC apron and boots
Hygiene measures	Always wash thoroughly after handling chemicals.

### **9.Physical and chemical properties.**

Appearance	Slightly yellow liquid
Odour	Ammoniacal
pH	11 – 12 (1g/100ml aqueous solution)
Boiling point	>100°C, decomposes >108°C
Flammability	Aqueous solution, does not readily burn.
Oxidizing properties	Not oxidizing by EEC criteria
Solubility in Water	Completely miscible. Easily soluble
Solubility in solvent	Practically insoluble in common organic solvents

### **10.Stability and reactivity**

Stability	Stable under normal conditions of use.
Hazardous reactions:	
-Materials to avoid	Acids, Strong oxidising agents, Food, Drinks and animal foodstuffs
-Hazardous decomposition products	On combustion forms oxides of carbon, Nitrogen and Carbon

### **11 Toxicological information.**

Effects	Low acute toxicity. Irritating to eyes and skin. LD <sub>50</sub> >2000 mg/Kg oral – rat
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### **12.Ecological information.**

Mobility	Soluble in water
Degradability	Slightly biodegradable. COD=590 mg O <sub>2</sub> /g

### **13.Disposal considerations.**

Substance	Via an authorised waste disposal contractor to an approved waste disposal site observing all local and national regulations.
Container	As substance.

### **14.Transport information.**

Primary Hazard	Corrosive
UN Number	3267
Packing group	III
Emergency action code	2 X
Class/Item number	8, 56°(c)
HI Number	80

### **15.Regulatory information.**

Label Name	Dental Plaster Remover
Symbols	Irritant
Risk phrases	R36/38 - Irritating to eyes and skin.
Safety phrases	S26 - In case of contact with eyes, rinse with plenty of water and seek medical advice.

### **16.Other information.**

Uses	Use only as directed.
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The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than for which it was intended. It is the sole responsibility of the user to take all precautions required to handle this product.

The information presented is to the best of our knowledge true and accurate. It is given in good faith. No warranty is implied with respect to the quality or specification of the product. The information given is not exhaustive.