

# MATERIAL SAFETY DATA SHEET

## I - PRODUCT IDENTIFICATION

DISTRIBUTOR: American Dental Cooperative, Inc.

ADDRESS: 402 BNA Drive, Suite 500  
Nashville, TN 37217

Tel No: 615-986-2007  
Nights: Chemtrec 800-424-9300

PRODUCT NAME: Quala Dental Products Temporary Cement Remover

PRODUCT NO(S): 50036375

Synonyms: Sodium Hydroxide Solution

## II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL:	CAS#	HAZARD	%By Wt.	TLV	PEL
Sodium Hydroxide	1310-73-2	Corrosive	10%	2mg/m <sup>3</sup>	2mg/m <sup>3</sup> ceiling

## III - PHYSICAL DATA (ND = Not Determined)

Vapor Pressure, mm Hg: ND

Evaporation Rate (ether = 1): ND

Solubility in H<sub>2</sub>O: Very Soluble

Boiling Point: 216°F

Specific Gravity (H<sub>2</sub>O = 1): 1.12 g/cm

Vapor Density (Air =1): ND

% Volatile by volume: 90%

pH: 13.3 - 13.9

Appearance: Transparent yellow liquid

Odor: Odorless

## IV - FIRE AND EXPLOSION

Flash point: 210°F TCC | Flammable Limits: Not determined

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam

Special Fire Fighting Procedures: Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Unusual Fire and Explosion Hazards: None

## V - REACTIVITY DATA

Stability: Unstable [X]      Conditions to avoid: Contact with strong acids.  
Stable [ ]

Incompatibility (Materials to Avoid): Strong acids.

Hazardous Decomposition Products: None

Hazardous Polymerization: May Occur [ ]      Conditions to avoid: None  
Will Not Occur [X]

**QUALA DENTAL PRODUCTS TEMPORARY CEMENT REMOVER**

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**VI - HEALTH HAZARDS**

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**OSHA Permissible Exposure Limit:** None known

**ACGIH Threshold Other Exposure:** None known

**Other Exposure Limit:** NA

**A. Acute Overexposure:** Skin irritation or burning sensation

**B. Chronic, Other:** None known

**Medical conditions generally aggravated by exposure:** None known

**Primary route(s) of exposure:** Eyes and skin contact; accidental ingestion

**Hygienic Practices:** Wash hands after use and do not place in unlabelled container.

**Chemical Listed As Carcinogen**

**or potential carcinogen:** Not listed

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**VII - EMERGENCY AND FIRST AID PROCEDURES**

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**Skin:** After skin contact wash immediately with plenty of water and soap.

**Ingestion:** If swallowed, seek medical advice immediately

**Eyes:** Contamination of the eye must be treated by thorough irrigation with water and lids held open. Consult a doctor immediately

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**VIII - SPILL OR LEAK PROCEDURES**

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**Spill Management:** Spills should be taken up with suitable absorbent and place in container. Spill area can be washed with water. Collect wash water for approved disposal.

**Waste Disposal Methods:** Dispose of in accordance with all local, state and federal regulations.

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**IX - PROTECTION INFORMATION/CONTROL MEASURES**

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**Respiratory:** None

**Eye Protection:** Safety Glasses

**Gloves:** Latex recommended for prolonged use.

**Other Clothing and Equipment:** None

**Ventilation:** None

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**X - SPECIAL PRECAUTIONS**

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**Precautions to be taken in Handling and Storing:** Do not allow material to freeze.

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**XI - ADDITIONAL INFORMATION**

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Date: April 21, 2005

Supersedes MSDS Dated: June 5, 2003

We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within our control, it is the user's obligation to determine the conditions of safe use of the product.