

# Procter&Gamble

## MATERIAL SAFETY DATA SHEET

Page 1 of 4

MSDS Identifier

**Fixodent Denture Cleanser  
with ProGuard**

### SECTION I – CHEMICAL / PRODUCT AND COMPANY IDENTIFICATION

<b>THE PROCTER &amp; GAMBLE COMPANY</b> Health Care Research Center 8700 Mason-Montgomery Road Mason, OH 45040-9462		<b>RATING KEY</b> 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT	<b>Hazard Rating</b> Health: 2 Flammability: 0 Reactivity: 1
<b>EMERGENCY PHONE:</b>	Transportation Emergency (24 hour) Telephone Number: CHEMTREC: 1-800-424-9300 in the U.S. and Canada; 1-703-527-3887 for calls originating elsewhere or call the Poison Control Center		Prepared by: Jill Karner, CIH Issue Date: December 13, 2007 Last Reviewed: 01/06/2000
<b>Material Name:</b>	<b>Fixodent Denture Cleanser with ProGuard</b>		

### SECTION II – COMPOSITION AND INGREDIENTS

Hazardous ingredients as defined by OSHA, 29 CFR 1910.1200, and/or WHMIS under the HPA. These substances are listed because in their pure bulk form, they meet the OSHA definition of hazardous. Any hazards associated with this finished product are listed in Section III of this MSDS.			
<b>Principal Hazardous Components:</b>	<b>CAS Number</b>	<b>Conc. %</b>	<b>Exposure Limit/LC50/LD50</b>
Sodium Perborate Monohydrate	10332-33-9	10 – 30	Oral LD50 rat - 780 mg/kg
Sodium Carbonate	497-19-8	10 – 30	Oral LD50 rat - 4,090 mg/kg
Citric Acid	77-92-9	1 – 5	Oral LD50 rat - 3,000 mg/kg

### SECTION III – HAZARDS IDENTIFICATION

<b>Emergency Overview:</b> This mixture is a product regulated by the FDA. Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.	
<b>Eye:</b>	Contact causes moderate irritation.
<b>Skin:</b>	Moderately irritating to the skin.
<b>Inhalation:</b>	Can cause moderate respiratory irritation.
<b>Ingestion:</b>	May cause oral/esophageal burns if tablets are placed directly in the mouth without water.

# Procter & Gamble

PROCTER & GAMBLE Page 2 of 4

MSDS Identifier:

Fixodent Denture Cleanser  
with ProGuard

## SECTION IV – FIRST AID MEASURES

Eye:	Flush eyes with water for 15 minutes. If irritation occurs, seek medical attention.
Skin:	Immediately flush skin with water for 15 minutes. Wash affected water with soap and water. Consult a doctor in the event of burns or continuing skin irritation.
Inhalation:	If exposed to excessive levels, get fresh air.
Ingestion:	If accidentally swallowed, do not induce vomiting. Give plenty of water to drink if conscious. Consult a doctor or Poison Control Center immediately.
Additional First Aid Measures: None known	

## SECTION V – FIRE FIGHTING MEASURES

Flash Point:	Not applicable	Flash Point test method:	Not applicable
Auto-ignition Temperature:	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Not available <input type="checkbox"/> deg. C <input type="checkbox"/> deg F.	Flammable Limits (% by volume in air)	LEL % N/A UEL % N/A
Extinguishing Media:	Will not burn.		
Explosion Hazards:	Material will not burn.		
Special Instructions:	None		

## SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal Safeguards:	Protect skin and eyes from exposure. If excessive dust is created, wear respirator.
Environmental Precautions:	Treat dispose in accordance with all regulations.
Spill Clean-up Procedures:	<i>Industrial:</i> Wipe up with sorbent material. Collect and place in a suitable disposal container. <i>Household:</i> Product used in household may be disposed of in refuse or sewer.

## SECTION VII – HANDLING AND STORAGE

Recommended Storage Temperature:	Store in a cool, dry place.
Personal Precautions for Safe Storage and Handling:	Follow labeled directions.
Conditions for Safe Storage:	Store in a cool dry place, out of reach of children.
Other Precautions:	None kown

## SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION

This section only applies to the product when used in an <u>industrial setting</u> .	
Ventilation:	Local exhaust ventilation may be needed for control.
Eye Protection:	Wear safety glasses with side shields.
Respiratory Protection:	If in dusty environment, respiratory protection may be required.
Skin Protection:	Nitrile or PVC gloves are recommended. Wash hands after handling.
Other Special Protection:	None known

# Procter & Gamble

PROCTER & GAMBLE Page 3 of 4

MSDS Identifier: **Fixodent Denture Cleanser with ProGuard**

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Color:	Solid tablet, white with blue specs	Melting Point:	Not available
Odor:	Peppermint-like	Boiling Point:	Not available
Odor Threshold:	Not available	Solubility in Water:	96.6% soluble portions at 20°C
Physical State:	Solid	Vapor Pressure (mm Hg):	Not applicable
Vapor Density:	Not available	Specific Gravity (H <sub>2</sub> O=1):	Not available
pH:	8.8-8.9 in 1% aqueous solution at 20°C	Other Data:	Product complies with State and Federal regulations for VOC content.

## SECTION X – STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reaction:	None known
Incompatibility: (Materials to avoid)	None known. Avoid heat and moisture.
Hazardous Decomposition Products:	None known

## SECTION XI – TOXICOLOGICAL INFORMATION

Chronic Effects:	No chronic health effects reported.
Target Organs:	No target organs reported.
Carcinogenicity:	This finished consumer product is not carcinogenic.
NTP:	No
IARC:	No

## SECTION XII – ECOLOGICAL INFORMATION

Relevant ecotoxicity and fate data for ingredients in this formulation have been reviewed. Under normal and foreseeable consumer uses, there are no concerns for aquatic organisms exposed to product ingredients at the anticipated environmental concentrations. The product is compatible with down-the-drain disposal routes, including municipal wastewater treatment processes and septic tank systems. This product is intended for dispersive use and should not be disposed of directly into the environment.

# Procter & Gamble

PROCTER & GAMBLE Page 4 of 4

MSDS Identifier: **Fixodent Denture Cleanser with ProGuard**

## SECTION XIII – DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Disposal is to be performed in compliance with Federal, State/Provincial and Local regulations.

**Households:** Product is safe for disposal down the drain after use.

**Industrial Setting:**

Agency	Requirement
US EPA	This material is not considered a hazardous waste under United States Resource Conservation and Recovery Act when disposed.

## SECTION XIV – TRANSPORTATION

Agency	Classification
US DOT (transportation by ground)	Non-Regulated
IMDG (transportation by sea)	Non-Regulated
IATA (transportation by air)	Non-Regulated

## SECTION XV – ADDITIONAL REGULATORY INFORMATION

The product(s) described in this Material Safety Data Sheet are regulated under the Federal Food, Drug and Cosmetics Act and are safe to use as per directions on container, box or accompanying literature (where applicable).

**US Federal:**

**TSCA** – All intentionally-added components of this product are listed on the US TSCA Inventory.

**SARA 313/302/304/311/312 chemicals:** Sodium Carbonate

**US States:**

**California:** This product has been evaluated and does not require warning labeling under California Proposition 65.

**California Registration Number:** None

**State Right-to-Know and CERCLA:** The following ingredients present in the finished product are listed on state right-to-know lists or state work exposure lists.

Ingredient(s)	CERCLA RQ	State(s)
None	Not applicable	Not applicable

## SECTION XVI – OTHER INFORMATION

**DISCLAIMER:** This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.