

THE PROCTER & GAMBLE COMPANY

PERSONAL CLEANSING  
PRODUCTS DIVISION

Sharon Woods Technical Center  
11511 Reed Hartman Highway  
Cincinnati, Ohio 45241

**MATERIAL SAFETY DATA SHEET**

ISSUE DATE: May, 2003

**SECTION I**

**EMERGENCY TELEPHONE NUMBER**

1-800-846-9480

**IDENTITY**      **Zest Bar Soap**

**INGREDIENTS/CHEMICAL NAME**

SODIUM TALLOWATE, SODIUM ALKYL GLYCEROL SULFONATE, MAGNESIUM COCOATE, SODIUM COCOATE OR PALM KERNELATE, WATER, SODIUM CHLORIDE, COCONUT OR PLAM KERNEL FATTY ACID, FRAGRANCE, TITANIUM DIOXIDE, PENTASODIUM PENTETATE, TETRASODIUM ETIDRONATE, May Contain: TETRASODIUM EDTA, CHROMIUM HYDROXIDE GREEN, FD&C RED NO.4 AND D&C YELLOW 10

**OTHER**

**SECTION II — HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

HAZARDOUS INGREDIENTS AS DEFINED BY OSHA 29 CFR 1910.1200

Note: This product is not "hazardous" within the meaning of the OSHA Hazard Communication Standard.

**SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>BOILING POINT (°F)</b>	N.A.	<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1)</b>	1.14
<b>VAPOR PRESSURE (mm Hg)</b>	N.A.	<b>PERCENT VOLATILE BY VOLUME (%)</b>	ca. 20
<b>VAPOR DENSITY (AIR = 1)</b>	N.A.	<b>EVAPORATION RATE (nBUOAC = 1)</b>	N.A.
<b>SOLUBILITY IN WATER</b>	Moderately	<b>APPEARANCE AND ODOR</b>	White toilet bar; fruity floral scent.

**SECTION IV — FLAMMABILITY AND REACTIVITY**

<b>FLASH POINT (METHOD USED)</b>	N.A.	<b>EXPLOSIVE LIMITS</b>	<b>LEL</b> N.A.	<b>UEL</b> N.A.
<b>EXTINGUISHING MEDIA</b>	Use CO <sub>2</sub> , water or dry chemical			
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>	None			
<b>UNUSUAL FIRE HAZARDS</b>	None			
<b>STABILITY</b>	<b>UNSTABLE</b>	<b>STABLE</b>	<b>CONDITIONS TO AVOID</b>	
		X	None	
<b>INCOMPATIBILITY (Materials to avoid)</b>	None			
<b>HAZARDOUS DECOMPOSITION/BY PRODUCTS</b>	None			
<b>HAZARDOUS POLYMERIZATION</b>	<b>MAY OCCUR</b>	<b>WILL NOT OCCUR</b>	<b>CONDITIONS TO AVOID</b>	
		X	None	

## SECTION V — HEALTH AND SAFETY DATA

<b>ROUTES OF ENTRY</b>	Skin and eye contact, ingestion (accidental or deliberate misuse).
<b>HEALTH HAZARDS (ACUTE AND CHRONIC)</b>	Mild eye irritant.
<b>SIGNS OF SYMPTOMS OF EXPOSURE</b>	Instillation into the eyes may result in transient superficial effects similar to those produced by other mild toilet soaps. Oral ingestion may result in mild gastrointestinal irritation with nausea, vomiting or diarrhea.
<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE</b>	Use on irritated or extremely dry skin may aggravate the existing condition.
<b>EMERGENCY AND FIRST AID PROCEDURES</b>	In case of eye contact, flush thoroughly with water. For oral ingestion, dilute with fluids and treat symptomatically. For skin irritation, discontinue use.

## SECTION VI — PRECAUTIONS FOR SAFE HANDLING AND USE

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b>	Avoid storing where moisture contacts case or wrapper.
<b>OTHER PRECAUTIONS</b>	None
<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b>	Sweep up and dispose of using waste disposal method indicated below.
<b>WASTE DISPOSAL METHOD</b>	Small quantities: Dispose of as dry scalp or flush down drain with excess of water. Large quantities: Dispose of at approved landfill. Disposal is to be performed in compliance with all regulations.

## SECTION VII — SPECIAL PROTECTION INFORMATION

<b>RESPIRATORY PROTECTION (Specify Type)</b>			
None Required.			
<b>VENTILATION</b>	<b>LOCAL EXHAUST</b>	None Required.	<b>SPECIAL</b>
	<b>MECHANICAL (General)</b>	Acceptable.	None
			<b>OTHER</b>
			None
<b>EYE PROTECTION</b>		<b>PROTECTIVE GLOVES</b>	
None required.		None required.	
<b>OTHER PROTECTIVE EQUIPMENT</b>			
None required.			

N. A.— NOT APPLICABLE

U.N. — NOT KNOWN

THE SUBMISSION OF THIS MSDS MAY BE REQUIRED BY LAW, BUT THIS IS NOT AN ASSERTION THAT THE SUBSTANCE IS HAZARDOUS WHEN USED IN ACCORDANCE WITH PROPER SAFETY PRACTICES AND NORMAL HANDLING PROCEDURES. DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH.