

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

BOILING POINT (°F)	N.A.	SPECIFIC GRAVITY (H₂O = 1)	1.14
VAPOR PRESSURE (mm Hg)	N.A.	PERCENT VOLATILE BY VOLUME (%)	ca. 20
VAPOR DENSITY (AIR = 1)	N.A.	EVAPORATION RATE (nBUOAC = 1)	N.A.
SOLUBILITY IN WATER	Moderately	APPEARANCE AND ODOR	White toilet bar; fruity floral scent.

SECTION IV — FLAMMABILITY AND REACTIVITY

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

SECTION V — HEALTH AND SAFETY DATA

ROUTES OF ENTRY	Skin and eye contact, ingestion (accidental or deliberate misuse).
HEALTH HAZARDS (ACUTE AND CHRONIC)	Mild eye irritant.
SIGNS OF SYMPTOMS OF EXPOSURE	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.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE	Use on irritated or extremely dry skin may aggravate the existing condition.
EMERGENCY AND FIRST AID PROCEDURES	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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Avoid storing where moisture contacts case or wrapper.
OTHER PRECAUTIONS	None
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Sweep up and dispose of using waste disposal method indicated below.
WASTE DISPOSAL METHOD	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

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