

MAY 18 1996


**PROCTER & GAMBLE**

 Bar Soap & Household Cleaning  
 Products Division  
 Sharon Woods Technical Center  
 11520 Reed Hartman Highway  
 Cincinnati, Ohio 45241

# MATERIAL SAFETY DATA SHEET

ISSUE DATE: 1-09-86

SECTION I	
EMERGENCY TELEPHONE NUMBER(S)	1-800-543-1745
IDENTITY	Mr. Clean - liquid synthetic detergent (non phosphate).
INGREDIENTS / CHEMICAL NAME	Anionic surfactant, butyl diglycol, sodium citrate, sodium carbonate, colorant, perfume, quality control agent.
OTHER	None

SECTION II — HAZARDOUS INGREDIENTS / IDENTITY INFORMATION					
HAZARDOUS INGREDIENTS AS DEFINED BY OSHA, 29 CFR 1910. 1200.					
CHEMICAL NAME	COMMON NAME	CAS NO.	ACGIH TLV	OSHA PEL	OTHER LIMITS RECOMMENDED
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 (H <sub>2</sub> O = 1)	1.047 - 1.067
VAPOR PRESSURE (mm Hg)	N.A.	PERCENT VOLATILE BY VOLUME (%)	ca 85
VAPOR DENSITY (AIR = 1)	N.A.	EVAPORATION RATE (nBuOAc = 1)	N.A.
SOLUBILITY IN WATER	Infinitely	APPEARANCE AND ODOR	Clear, yellow liquid with a lemon fragrance.

SECTION IV — FLAMMABILITY AND REACTIVITY			
FLASH POINT (METHOD USED)	> 200°F (c.c.)	EXPLOSIVE LIMITS	LEL N.A. UEL N.A.
EXTINGUISHING MEDIA	Use water spray, dry chemical, "alcohol" foam or CO <sub>2</sub>		
SPECIAL FIRE FIGHTING PROCEDURES	Use water to keep fire-exposed containers cool.		
UNUSUAL FIRE HAZARDS	None		
STABILITY	UNSTABLE	CONDITIONS TO AVOID	None
	STABLE	XX	
INCOMPATIBILITY (Materials to avoid)	None		
HAZARDOUS DECOMPOSITION / BY PRODUCTS	None		
HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID	None
	WILL NOT OCCUR	XX	

### SECTION V — HEALTH AND SAFETY DATA

ROUTE(S) OF ENTRY	Skin and eye contact, oral ingestion
HEALTH HAZARDS (ACUTE AND CHRONIC)	Mild skin and eye irritant
SIGNS AND SYMPTOMS OF EXPOSURE	Instillation into eyes may result in transient superficial effects similar to those produced by mild toilet soaps and detergents. Oral ingestion may result in 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 accidental eye contact, flush thoroughly with water.  For oral ingestion, dilute with fluids and treat symptomatically. For skin irritation, rinse exposed area and discontinue use.
OTHER	None

### SECTION VI — PRECAUTIONS FOR SAFE HANDLING AND USE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Store in cool, dry, well ventilated area.
OTHER PRECAUTIONS	None required.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak.
WASTE DISPOSAL METHOD	Do not landfill. Small (household) quantities may be disposed of via sewer. Incineration is preferred where permitted by federal, state, and local regulations. Disposal is to be performed in compliance with all regulations.

### SECTION VII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type)		None required.	
VENTILATION	LOCAL EXHAUST	SPECIAL	None
	MECHANICAL (General)	OTHER	None
EYE PROTECTION		None required with normal use.	
OTHER PROTECTIVE EQUIPMENT		None required with normal use.	
OTHER PROTECTIVE EQUIPMENT		None required; eye wash fountain desirable.	

\* N.A. — NOT APPLICABLE

\* N.K. — 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.