

# PROCTER & GAMBLE

## MATERIAL SAFETY DATA SHEET

Commercial Service Products Group  
 CSPG TN-6  
 2 Procter & Gamble Plaza  
 Cincinnati, Ohio 45202

Issue Date: 3/94

SECTION I	
Emergency Telephone Number: Procter & Gamble Operator 1-513-983-1100	
Identity: Institutional Formula Tide (non-phosphate) (Brand codes 08171, 08185, 08863, 08699)	
Ingredients/Chemical Name: Anionic surfactants, water softeners, (sodium carbonate), processing aids (sodium sulfate), washer protection agents (sodium silicates), fabric whiteners, perfume, and agents to prevent deposition.	
Other: N.A.	

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: N.A.	Specific Gravity (H <sub>2</sub> O=1): 0.29/cc (bulk density)
Vapor Pressure (mm Hg): N.A.	Percent Volatile by Volume (%): N.A.
Vapor Density (Air=1): N.A.	Evaporation Rate (nBuOAc=1): N.A.
Solubility in Water: Appreciable	Appearance and Odor: White granule with bland odor.

SECTION IV - FLAMMABILITY AND REACTIVITY	
Flash Point (Method Used): N.A. Explosive Limits: LEL: N.A. UEL: N.A.	
Extinguishing Media: Use CO <sub>2</sub> , water or dry chemical	
Special Fire Fighting Procedures: None Known	
Unusual Fire Hazards: None Known	
Stability	Unstable: <input type="checkbox"/> Stable: X
Conditions to Avoid: None Known	
Incompatibility (Materials to avoid): None Known	
Hazardous Decomposition/By Products: None Known	
Hazardous	May Occur: <input type="checkbox"/> Will Not Occur: X
Conditions to Avoid: None Known	
Polymerization	

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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.

\*N.A. - Not Applicable

\*N.K. - Not Known

SECTION VII - SPECIAL PROTECTION INFORMATION	
Respiratory Protection (Specify Type): None required with normal use.	
Ventilation	Local Exhaust: None required with normal use Mechanical (General): Normal/general dilution Special: None
Eye Protection:	None required with normal use. With dusty conditions or if a splash is likely, chemical goggles may be needed.
Protective Gloves:	None required with normal use. Protective gloves (rubber, neoprene) should be used for prolonged direct contact.
Other Protective Equipment:	None necessary under normal use.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE	
Precautions to be Taken in Handling and Storing: No unusual precautions necessary. Avoid contact of cartons with moisture to avoid dispensing problems.	
Other precautions: None	
Steps to Be Taken in Case Material is Released or Spilled: Collect and place a suitable container and dispose as dry scrap, or flush small quantities with water down acceptable sewer (contains biodegradable surfactants). Prevent spills from reaching a waterway. Prevent heavy exposure to dust with NIOSH approved dust mask.	
Waste Disposal Method: Disposal is to be performed in compliance with all regulations. Small or household quantities may be disposed of in refuse or in sewer. Larger quantities of contaminated or waste material may be disposed of in municipal landfill where allowed by law.	

SECTION V - HEALTH AND SAFETY DATA	
Route(s) of Entry: Skin contact, eye contact, oral, inhalation.	
Health Hazards (Acute and Chronic): Inhalation: Heavy or prolonged exposure to dust may cause transient respiratory tract irritation. Eye: May cause mild transient irritation. Ingestion: May cause transient gastrointestinal irritation.	
Signs and Symptoms of Exposure: Inhalation: May cause coughing, sore throat, wheezing or transitory shortness of breath. Eye contact: May cause stinging, tearing, itching, swelling, and/or redness. Ingestion: May result in nausea, vomiting, and/or diarrhea.	
Medical Conditions Generally Aggravated by Exposure: None known.	
Emergency and First Aid Procedures: Eye contact: Flush with water for 10-15 minutes. Inhalation: Leave dusty area. Ingestion: Drink 1 or 2 glasses of water. If symptoms persist or recur, seek medical attention. Skin irritation: Discontinue use and apply a cold compress to relieve irritation.	
Other: N.A.	