

49122 page 1

49124

PROCTER & GAMBLE

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

MATERIAL SAFETY DATA SHEET

Issue Date: 4/95

SECTION I	
Emergency Telephone Number: Procter & Gamble Operator 1-513-983-1100	
Identity: Tide (non-phosphate formula) (Brand Codes 02778 and 03514)	
Ingredients/Chemical Name: Cleaning agents (anionic surfactants and enzymes), water softeners (aluminosilicates, sodium carbonate), processing aids (sodium sulfate), washer protection agents (sodium silicates), fabric whitener, perfume and an agent 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 (°F): N.A.	Specific Gravity (H ₂ O = 1): 0.40g/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 ₂ , water or dry chemical					
Special Fire Fighting Procedures: None Known					
Unusual Fire Hazards: None Known					
Stability	Conditions to Avoid: None Known				
<table border="1"> <tr> <td>Unstable:</td> <td></td> </tr> <tr> <td>Stable: X</td> <td></td> </tr> </table>	Unstable:		Stable: X		
Unstable:					
Stable: X					
Incompatibility (Materials to avoid): None Known					
Hazardous Decomposition/By Products: None Known					
Hazardous Polymerization	Conditions to Avoid: None Known				
<table border="1"> <tr> <td>May Occur:</td> <td></td> </tr> <tr> <td>Will Not Occur: X</td> <td></td> </tr> </table>	May Occur:		Will Not Occur: X		
May Occur:					
Will Not Occur: X					

49122, 49124

49122 Page 2

↓
49124**TIDE (non-phosphate) Material Safety Data Sheet (continued)**

SECTION V - HEALTH AND SAFETY DATA	
Route(s) of Entry: Skin contact, eye contact, oral, inhalation.	
Health Hazards (Acute and Chronic): Eye: May cause mild transient irritation. Inhalation: Heavy or prolonged exposure to dust may cause transient respiratory tract irritation. Ingestion: May cause transient gastrointestinal irritation.	
Signs and Symptoms of Exposure: Eye Contact: May cause stinging, tearing, itching, swelling and/or redness. Inhalation: May cause coughing, sore throat, wheezing or transitory shortness of breath. 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: None Known	

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 a sewer. Larger quantities of contaminated or waste material may be disposed of in municipal landfill where allowed by law.	

SECTION VII - SPECIAL PROTECTION INFORMATION		
Respiratory Protection (Specify Type): None required for normal use.		
Ventilation	Local Exhaust: None required with normal use.	Special: None
	Mechanical (General): Normal/general dilution ventilation is acceptable	Other: None
Eye Protection: None required with normal usage. With dusty conditions or if a splash is likely, chemical goggles may be needed.		Special 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.		

*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.