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The Procter & Gamble Company P&G Household Care Fabric & Home Care Innovation Center 5299 Spring Grove Avenue Cincinnati, OH 45217-1087

MATERIAL SAFETY DATA SHEET

MSDS #: Supersodes: FH/C/2003/TMTG-5NKJQN_V, 2

06/05

Issue Date: 12/06

Issue Date:

SECTION I PRODUCTION

Identity: Toilet Bowl Cleaner

Finished Product

Brands: P&G Pro Line Thickened Acid Toilet Bowl Cleaner

P&G Telephone Number: 1-888-4PGProline or call Local Poison Control Center or your physician.

Emergency (24 hour) Telephone Number: CHEMTREC 1-800-424-9300 U.S. and Canada,

or 1-703-527-3887 - for calls originating elsewhere.

SECTION II - HAZARDS IDENTIFICATION

Potential Health Hazards (Acute and Chronic): (See Section 11 for more information)

Ingestion:

Concentrate: Harmful or fatal if swallowed. Mucous membrane irritant.

Use Dilution: Mild mucous membrane irritant. May result in mild gastrointestinal

irritation with nausea, vomiting and/or diarrhea.

Eye Contact:

Concentrate: Eye irritant. May cause permanent damage to eyes if not promptly treated.

Use Dilution: May cause mild irritation.

Skin Contact:

Concentrate: Causes skin damage, May aggrevate existing skin conditions.

Use Dilution: May cause mild skin irritation.

Inhalation:

Concentrate: Mucous memorane irritant.

Use Dilution: N/A

Signs and Symptoms of Exposure:

Ingestion: Irritation or burning sensation. Eye Cuntact: Irritation or burning sensation. Skin Contact: Irritation or burning sensation. Inhalation: Irritation or burning sensation.

Medical Conditions Generally Known to be Aggravated by Exposure: May aggravate skin disorders or respiratory

ailments.

Potential Environmental Effects: (See Section 12 for more information)

SECTION III - COMPOSITION AND INGREDIENTS

Ingredients listed on the product label are: Hydrogen chloride, n-Alkyl (C₁₄ 60%, C₁₆ 30%, C₁₂ 5%, C₁₈ 5%) Dimethyl benzyl ammonium chlorides, n-Alkyl (C₁₂ 68%, C₁₄ 32%) Dimethyl

ethylbenzyl ammonium chlorides, other ingredients.

TEF

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200. and/or WHMIS under the HPA:

Chemical Name	Common Name	CAS No.	Composition Range	LD50/LC50
Hydrochloric Acid		7647-01-0	9.5% (label)	
Nonoxynol		9016-45-9	1.0%	
Amine Éthoxylate		61791-24-0	1.0%	

SECTION IV - FIRST AID INFORMATION

First Aid Procedures: Have the product container or label with when calling a Poison Control Center or doctor, or going for treatment.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin Contact: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth to an unconscious person.

Note to Physician: (if applicable) Probable mucosal damage may contraindicate use of gastric lavage.

Other: Consumer product package has the following precautionary statement:

DANGER: CORROSIVE. Causes eye and skin damage. May be fatal if swallowed. Do not breathe vapor or fumes.

Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Use with adequate ventilation.

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used); approx. 212°F / 100°C

Flammable Properties:

Upper Fiammable Limit:

Lower Flammable Limit:

Explosive Limits:

UEL: N/A

LEL: N/A

Auto-ignition Temperature:

Hazardous Combustion Products:

Explosion Data (Sensitivity to Mechanical Impact):

Explosion Data (Sensitivity to Static Discharge):

Extinguishing Media:

Suitable: Water, CO2, foam or media suitable for surrounding fire.

Unsuitable:

Protection of Firefighters:

Specific Hazards Arising from the Material: None known.

Protective Equipment and Precautions for Firefighters: Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None required.

Environmental Precautious: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Do not landfill. Keep product out of storm sewers or waterways. Hold for disposal. Products covered by this MSDS, in their original form, when disposed as waste, are corrosive hazardous waste, D002, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

Methods for Containment: Wear appropriate protective equipment. If possible, contain spill and collect in an approval container. Try to prevent from reaching waterway or sewer. Product is a RCRA corrosive hazardous waste, D002, because of its low pH.

Methods for Cleanup: Do not landfill. Hazardous waste treatment to reduce pH is necessary prior to disposal. Other Information: (if applicable)

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken in Handling: Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Store in original container, in cool dry place with adequate ventilation.

Precautions To B e Taken in Storage: Keep out of reach of children. Keep container tightly closed when not in use.

SECTION VIII. EXPOSURE CONTROLS PPERSONAL PROTECTION

Exposure Guidelines:

Engineering Controls: Ventilation - Local Exhaust - As necessary.

Personal Protective Equipment (PPE):

Eye/Face Protection: Chemical resistant goggles or face shield.

Skin Protection: Water impervious (latex or neoprene) gloves.

Respiratory Protection: Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled by general or local ventilation, use appropriate respiratory protection to prevent over exposure.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Specify all temperatures in °F and °C

Appearance (color, physical form, shape): Green

Flash Point (Method Used): None

liquid

Odor: Floral fragrance Odor Threshold: N/A Physical State: Liquid

Reserve Alkalinity: N/A Solubility in Water: Complete Decomposition Temperature: N/A

Vapor Pressure (mm Hg): N/A Vapor Density (Air-1): N/A

Evaporation Rate (nBuOAc=1): >1% Specific Gravity/Density: 1.050

Boiling Point: Approx. 212°F / 100°C Partition Coefficient (n-octanol/water); N/A

Melting/Freezing Point: N/A

pH (specify % solution): <1%

Volatile Organic Compound (VOC): Product complies with State and Federal regulations for VOC content.

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: None known.

Incompatible Materials: Do not mix with chlorine bleach or other chemicals.

Hazardous Decomposition Products: Thermal decomposition on burning may produce toxic vapors or gases.

Possibility of Hazardous Reactions: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

LD50 (rats oral): Actives: Hydrochloric Acid (7647-01-0); 900 mg/kg in rabbits Oral ingestion of this product may cause burning of the mouth and GI tract.

Chronic Effects: No chronic health offects reported.

Target Organs: No target organs reported.

Carcinogenicity: NTP: No IARC: No OSHA: No

SECTION XII - ECOLOGICAL INFORMATION

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal is to be performed in compliance with federal, state/provincial and local regulations. Products covered by this MSDS, in their original form, when disposed as waste, are corrosive hazardous waste, D002, according to Federal RCRA regulations (40 CFR 261).

Container: Do not landfill. Hazardous waste treatment to reduce pH is necessary prior to disposal. Triple rinse and recycle.

SECTION XIV. TRANSPORT INFORMATION

Ground Transport (US DOT): Consumer Cammodity, ORM-D

Air Transport (IATA): DO NOT SHIP. Finished product packaging does not meet air transport requirements.

Marine/Water Transport (IMDG): UN1760, Corrosive tiquid, basic, n.o.s. (hydrochloric acid), 8, PGII, Ltd. Qty.

SECTION XV - REGULATORY INFORMATION

United States

All intentionally-added components of this product are listed on the US TSCA Inventory.

This product is not subject to warning labeling under California Proposition 65.

EPA Reg. No. 8155-6-3573 / CDPR Reg. No. 8155-6-ZA-3573

Canada

All intentionally added ingredients comply with CEPA requirements for import to Canada by Procter & Gamble,

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all information required by the Controlled Products Regulations.

SECTION XVI - OTHER INFORMATION

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

P&G Hazard Rating:

Health:

Flammability; 0

3=HIGH

Reactivity: D 4-EXTREME 2=MODERATE

1-SLIGHT

0=NOT SIGNIFICANT

*N/A. · Not Applicable

*N/K. - Not Known

Data supplied is for use only in connection with occupational safety and health.

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an allinclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.