

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name P&G Pro Line Tide Stain Removal Treatment - Powder
Product Code 99284310
Version # 05
Revision date 11-29-2011
Manufacturer Procter & Gamble Professional
Address 2 P&G Plaza
Cincinnati
Ohio
45202
US
P&G Telephone Number: 1-800-332-7787
Emergency 24-hr Telephone #: CHEMTREC 1-800-424-9300

2. Hazards Identification

Potential health effects

Routes of exposure

Inhalation. Ingestion. Skin contact. Eye contact.

Eyes

Health injuries are not known or expected under normal use. Accidental exposure will cause a mild to moderate transient irritation.

Skin

Health injuries are not known or expected under normal use. May cause transient irritation.

Inhalation

Health injuries are not known or expected under normal use. May cause transient irritation. Inhalation of dusts may produce respiratory irritation and may cause allergic respiratory sensitization reactions. Very high exposures may cause difficulty breathing and tightness of chest.

Ingestion

Health injuries are not known or expected under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Potential environmental effects

Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small.

3. Composition / Information on Ingredients

Components	CAS #	Percent
SODIUM CARBONATE	497-19-8	15-40
ALKYL BENZENE SULFONATE	68081-81-2	7-13
SODIUM ALKYL SULFATE	68081-98-1	1-5
SODIUM ALKYL SULFATES	PROPRIETARY	1 - 5

4. First Aid Measures

First aid procedures

Eye contact

After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.

Skin contact

Rinse with water if prolonged contact occurs. Get medical attention if irritation develops and persists.

Inhalation

Move to fresh air. If tightness or breathing difficulty develops, get medical attention.

Ingestion

Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

5. Fire Fighting Measures

Environmental precautions Prevent further leakage or spillage if safe to do so.

Extinguishing media

Suitable extinguishing media Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Protection of firefighters

Protective equipment and precautions for firefighters Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

6. Accidental Release Measures

Personal precautions Keep unnecessary personnel away. Wear suitable protective clothing.

Environmental precautions Prevent further leakage or spillage if safe to do so.

Clean-up methods and materials and containment measures In case of spills, beware of slippery floors and surfaces. Sweep or scoop up and remove. Minimize dust generation. Following product recovery, flush area with water.

7. Handling and Storage

Handling Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of reach of children.

Storage Store in a cool and well-ventilated place. Keep dry.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
SILICIC ACID, ALUMINUM SODIUM SALT (1344-00-9)	TWA	1 mg/m ³	Respirable fraction.

Engineering controls Provide adequate ventilation.

Personal protective equipment

Eye / face protection Not normally needed.

Skin protection Not normally needed. For prolonged or repeated skin contact use suitable protective gloves. Recommended gloves include rubber or neoprene.

Respiratory protection Not normally needed.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Color White.

Odor None.

Odor threshold Not available.

Physical state Solid.

pH 10 - 11.5 (1% solution)

Melting point Not available.

Freezing point Not available.

Boiling point Not available.

Flash point Not available.

Evaporation rate Not available.

Vapor pressure Not available.

Specific gravity Not available.

Solubility (water) Complete

Partition coefficient (n-octanol/water)	Not available
VOC	0 % estimated
Percent volatile	0 % estimated estimated

10. Chemical Stability & Reactivity Information

Chemical stability	This is a stable material.
Conditions to avoid	None known.
Hazardous decomposition products	No hazardous decomposition products are known.
Hazardous polymerization	Will not occur.

11. Toxicological Information

Toxicological data

Components

Test Results

SODIUM CARBONATE (497-19-8)	Acute Inhalation LC50 Guinea pig: 0.8 mg/l 2 Hours Acute Inhalation LC50 Mouse: 1.2 mg/l 2 Hours Acute Inhalation LC50 Rat: 2.3 mg/l 2 Hours Acute Oral LD50 Rat: 4090 mg/kg Acute Other LD50 Mouse: 116.6 mg/kg 30 Days Acute Oral LD50 Rat: 0.7 - 1.3 g/kg
ALKYL BENZENE SULFONATE (68081-81-2)	
SODIUM ALKYL SULFATE (68081-98-1)	Oral LD50 Rat: 1 - 4 g/kg
SODIUM ALKYL SULFATES (PROPRIETARY)	Oral LD50 Rat: 2.1 g/kg

Sensitization	Not available.
Chronic effects	Not available.
Skin corrosion/irritation	Not available.

12. Ecological Information

Environmental effects	Based on ecotoxicity and fate data for the individual ingredients in this specific formulation, and for related consumer household cleaning products formulations, this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations. This product is intended for dispersive use and should not be disposed of directly into the environment.
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13. Disposal Considerations

Disposal instructions	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.
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14. Transport Information

DOT

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations	Two components of this product are listed on the confidential portion of the TSCA Inventory and will not be found searching the public inventory.
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CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

State regulations**ILLRTK**

Contains no Illinois Right To Know toxic substances.

US - Illinois Chemical Safety Act: Listed substance**US - Massachusetts RTK - Substance: Listed substance**

SODIUM SULPHATE (CAS 7757-82-6) LISTED

US - New Jersey Community RTK (EHS Survey): Listed substance**US - New Jersey RTK - Hazardous substance****US - New Jersey RTK - Special Hazard: Listed substance**

Contains no New Jersey Right To Know special hazards.

US - New Jersey RTK - Substances: Listed substance

Contains no New Jersey Right To Know Substances

US - Pennsylvania RTK - Hazardous Substances: Listed substance

SILICIC ACID, ALUMINUM SODIUM SALT (CAS 1344-00-9) LISTED

US - Rhode Island RTK - Hazardous Substances: Listed substance

Contains no Rhode Island Right To Know hazardous substances.

Canadian regulations

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Inventory Status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information**HMIS® ratings**

Health: 1
 Flammability: 0
 Physical hazard: 0

NFPA ratings

Health: 1
 Flammability: 0
 Instability: 0

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 all-inclusive 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 assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.