

# Procter & Gamble

## Professional<sup>®</sup>

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

**Material name** Institutional Formula Tide Floor and All-Purpose Cleaner - No Phosphate  
**Product Code** 15154287  
**Version #** 05  
**Revision date** 10-22-2013  
**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

Ingestion. Inhalation. Skin contact. Eye contact.

###### Eyes

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

###### Skin

Health injuries are not known or expected under normal use. May cause transient irritation. Prolonged or repeated contact may be drying to skin.

###### Inhalation

Health injuries are not known or expected under normal use.

###### 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 minimal.

#### 3. Composition / Information on Ingredients

Components	CAS #	Percent
ALKYL BENZENE SULFONATE	68081-81-2	15-40
SODIUM CARBONATE	497-19-8	15-40

#### 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.

###### 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. 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. 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.

## 8. Exposure Controls / Personal Protection

**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.

**Form** Solid. Granular.

**Odor** Bland

**pH** 9.5 - 11.3 (1% solution)

**Melting point** 1597.7 °F (869.85162477 °C) estimated

**Freezing point** 1597.7 °F (869.85162477 °C) estimated

**Boiling point** 212 °F (100 °C) estimated

**Flash point** not applicable

**Evaporation rate** Not available.

**Vapor pressure** 1.141854638 hPa estimated

**Specific gravity** 2.601800155 estimated

**Solubility (water)** Moderate

**Partition coefficient (n-octanol/water)** Not available

**VOC** Not available.

**Percent volatile** 0 % estimated estimated

**Density** 2.60 g/cm<sup>3</sup> 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)	
<b>Sensitization</b>	Not available.
<b>Chronic effects</b>	Not available.
<b>Skin corrosion/irritation</b>	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.

## 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.

## 14. Transport Information

### DOT

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

## 15. Regulatory Information

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

<b>Hazard categories</b>	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
<b>Section 302 extremely hazardous substance</b>	No
<b>Section 311 hazardous chemical</b>	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

Contains no Pennsylvania Right To Know hazardous substances

### 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	Yes

\*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.