

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Spic & Span Floor Cleaner with Bleach - Powder Packets
Product Code 15153797
Version # 05
Revision date 04-07-2011
Manufacturer Address Procter & Gamble Professional
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. Skin contact. Eye contact.
Eyes Health injuries are not known or expected under normal use. This substance is a moderate irritant.
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. Prolonged or excessive inhalation may cause respiratory tract irritation. Sore throat. Coughing.
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	10-30
Sodium Dichloro-S-Triazinetrione dihydrate	2893-78-9	7-13

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 plenty of water. Get medical attention if irritation develops and persists.
Inhalation Move to fresh air.
Ingestion Drink 1 or 2 glasses of water. Contact physician if larger quantity has been consumed. 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). Dry chemicals.

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, dry place.

8. Exposure Controls / Personal Protection

Engineering controls Provide adequate ventilation. Provide easy access to water supply and eye wash facilities.

Personal protective equipment

Eye / face protection If contact is likely, chemical goggles are recommended.

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 with green specks

Odor Bland

Odor threshold Not available.

Physical state Solid.

pH 10.1 - 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) Not available.

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 Do not mix with acidic products. Avoid contact with inorganic reducing compounds, calcium hypochlorite, alkalis, and easily oxidizable organic material: ammonia, urea or similar nitrogen-containing compounds.

Hazardous decomposition products Chlorine-containing gases can be produced upon decomposition. Traces of phosgene can be liberated at high temperatures (above 400 F).

Hazardous polymerization Will not occur.

11. Toxicological Information

Toxicological data

Components	Test Results
Sodium Dichloro-S-Triazinetrione dihydrate (2893-78-9)	Acute Oral LD50 Rat: 1420 mg/kg
SODIUM CARBONATE (497-19-8)	Acute Inhalation LC50 Guinea pig: 0.8 mg/l 2.00 Hours Acute Inhalation LC50 Mouse: 1.2 mg/l 2.00 Hours Acute Inhalation LC50 Rat: 2.3 mg/l 2.00 Hours Acute Oral LD50 Rat: 4090 mg/kg Acute Other LD50 Mouse: 116.6 mg/kg 30.00 Days Acute Oral LD50 Rat: 0.7 - 1.3 g/kg
ALKYL BENZENE SULFONATE (68081-81-2)	

Sensitization Not available.

Local effects Irritating to respiratory system. Irritating to eyes. Irritating to skin.

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.

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

Basic shipping requirements:

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Sodium Dichloro-S-Triazinetrione dihydrate), LTD QTY

Hazard class 9

UN number 3077

Packing group III

IATA

Basic shipping requirements:

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15. Regulatory Information

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 - Connecticut Hazardous Material Survey: Listed substance

Sodium Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) LISTED

US - Massachusetts RTK - Substance: Listed substance

Sodium Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) LISTED

SODIUM SULPHATE (CAS 7757-82-6) LISTED

US - New Jersey RTK - Special Hazard: Listed substance

Contains no New Jersey Right To Know special hazards.

US - New Jersey RTK - Substances: Listed substance

Sodium Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) LISTED

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Sodium Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) LISTED

US - Rhode Island RTK - Hazardous Substances: Listed substance

Sodium Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) LISTED

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: 2
Flammability: 0
Physical hazard: 0

NFPA ratings

Health: 2
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.