

AUG 31973

# Procter & Gamble

## Professional®

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

Material name Spic & Span Disinfecting All Purpose Spray & Glass Cleaner - Ready To Use  
Product Code 15154243  
Version # 08  
Revision date 10-26-2011  
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 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 skin irritation.  
Inhalation Health injuries are not known or expected under normal use. Vapors may irritate mucous membranes.  
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
2-AMINOETHANOL	141-43-5	0.1-1
ETHANOL	64-17-5	0.1-1

#### 4. First Aid Measures

##### First aid procedures

Eye contact Flush thoroughly with water. If irritation occurs, get medical assistance. Remove contact lenses, if present and easy to do.  
Skin contact Wash affected area with mild soap and water. Get medical attention if irritation develops and persists.  
Inhalation Move to fresh air. Call a physician if symptoms develop or persist.  
Ingestion Rinse mouth thoroughly. Get medical attention if any discomfort occurs.

#### 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** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**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. Flush with plenty of water to clean spillage area.

**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 from freezing.

**8. Exposure Controls / Personal Protection****Occupational exposure limits****US. ACGIH Threshold Limit Values**

Components	Type	Value
2-AMINOETHANOL (141-43-5)	STEL	6 ppm
	TWA	3 ppm
ETHANOL (64-17-5)	STEL	1000 ppm

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value
2-AMINOETHANOL (141-43-5)	PEL	6 mg/m3
		3 ppm
ETHANOL (64-17-5)	PEL	1900 mg/m3
		1000 ppm

**Engineering controls** Provide adequate ventilation.

**Personal protective equipment**

**Eye / face protection** Not normally needed.

**Skin protection** Not normally needed. If prolonged or repeated contact is likely, protective gloves are recommended. 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** Light blue.

**Odor** Scented

**Odor threshold** Not available.

**Physical state** Liquid.

**pH** 10.4 - 11.2

**Melting point** Not available.

**Freezing point** Not available.

**Boiling point** 212 °F (100 °C)

Flash point	>= 201 °F (>= 93.9 °C)
Evaporation rate	Not available.
Vapor pressure	Not available.
Specific gravity	0.995 - 1.001
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available
VOC	0.69 % estimated
Percent volatile	96.523 % 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

2-AMINOETHANOL (141-43-5)	Acute Dermal LD50 Rabbit: 1025 mg/kg Acute Oral LD50 Guinea pig: 620 mg/kg Acute Oral LD50 Mouse: 700 mg/kg Acute Oral LD50 Rat: 10.2 g/kg Acute Other LD50 Mouse: 50 mg/kg Acute Other LD50 Rat: 67 mg/kg
ETHANOL (64-17-5)	Acute Inhalation LC50 Mouse: 0.039 mg/l 4 Hours Acute Inhalation LC50 Rat: 20000 mg/l 10 Hours Acute Oral LD50 Dog: 5.5 g/kg Acute Oral LD50 Guinea pig: 5.6 g/kg Acute Oral LD50 Mouse: 3450 mg/kg Acute Oral LD50 Rat: 7060 mg/kg Acute Oral LD50 Rat: 6.2 g/kg Acute Other LD50 Mouse: 933 mg/kg Acute Other LD50 Rat: 1440 mg/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 in accordance with all applicable regulations.
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Dispose of container in accordance with label instructions.

## 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** This is an EPA-registered pesticide (Registration No. 6836-245-3573).  
FIFRA-regulated products are not subject to TSCA.

**CERCLA (Superfund) reportable quantity**  
None

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

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - Yes  
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 - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

ETHANOL (CAS 64-17-5) ALCOHOLIC BEVERAGES, WHEN ASSOCIATED WITH ALCOHOL ABUSE  
ETHYL ALCOHOL IN ALCOHOLIC BEVERAGES

#### US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

ETHANOL (CAS 64-17-5) ALCOHOLIC BEVERAGES, WHEN ASSOCIATED WITH ALCOHOL ABUSE

#### US - Connecticut Hazardous Material Survey: Listed substance

2-AMINOETHANOL (CAS 141-43-5) LISTED  
ETHANOL (CAS 64-17-5) LISTED

#### US - Illinois Chemical Safety Act: Listed substance

RCRA HAZARDOUS WASTE NO. D001 (CAS 64-17-5) RCRA HAZARDOUS WASTE NO. D001  
UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY

#### US - Massachusetts RTK - Substance: Listed substance

Contains no Massachusetts Right To Know substances.

#### US - New Jersey Community RTK (EHS Survey): Listed substance

#### US - New Jersey RTK - Hazardous substance

#### US - New Jersey RTK - Special Hazard: Listed substance

2-AMINOETHANOL (CAS 141-43-5) ETHANOLAMINE SPEC\_HAZAROUS  
ETHANOL (CAS 64-17-5) ETHYL ALCOHOL SPEC\_HAZAROUS

#### US - New Jersey RTK - Substances: Listed substance

2-AMINOETHANOL (CAS 141-43-5) ETHANOLAMINE LISTED  
ETHANOL (CAS 64-17-5) ETHYL ALCOHOL LISTED

**US - Pennsylvania RTK - Hazardous Substances: Listed substance**

2-AMINOETHANOL (CAS 141-43-5) LISTED  
ETHANOL (CAS 64-17-5) LISTED

**US - Rhode Island RTK - Hazardous Substances: Listed substance**

2-AMINOETHANOL (CAS 141-43-5) LISTED  
ETHANOL (CAS 64-17-5) 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	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: 2  
Physical hazard: 0

**NFPA ratings**

Health: 1  
Flammability: 2  
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.