

# Procter&Gamble

## Professional®

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

**Material name** Spic & Span Disinfecting All-Purpose Spray & Glass Cleaner - concentrate  
**Product Code** 15154200  
**Version #** 12  
**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

Inhalation. Ingestion. Skin contact. Eye contact.

###### Eyes

Corrosive. Causes severe or permanent damage.

###### Skin

Contact may irritate or burn skin.

###### Inhalation

Irritating to mucous membranes.

###### Ingestion

Irritating to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Large ingestions may cause dizziness, incoordination, and headache.

##### Potential environmental effects

May cause long-term adverse effects in the environment.

#### 3. Composition / Information on Ingredients

Components	CAS #	Percent
ETHANOL	64-17-5	10-30
2-AMINOETHANOL	141-43-5	3-7
QUATERNARY AMMONIUM COMPOUNDS, BENZYLCOO ALKYLDIMETHYL, CHLORIDES	61789-71-7	0.1-1
QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL[(ETHYLPHENYL)METHYL]DIMETHYL, CHLORIDES	85409-23-0	0.1-1

#### 4. First Aid Measures

##### First aid procedures

###### Eye contact

Immediately rinse with water for several minutes. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

###### Skin contact

Remove contaminated clothing. Continue to rinse for at least 15 minutes. Get medical attention if irritation develops and persists.

###### Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

## Ingestion

Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. If victim is fully conscious, give a cupful of water. If medical advice is needed, have product container or label at hand.

## Notes to physician

If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

## 5. Fire Fighting Measures

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

### Extinguishing media

#### Suitable extinguishing media

Water. Water spray. Dry powder. Carbon dioxide (CO<sub>2</sub>).

### Protection of firefighters

#### Specific hazards arising from the chemical

Fire may produce irritating, corrosive and/or toxic gases.

#### 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. Do not contaminate water.

### Clean-up methods and materials and containment measures

In case of spills, beware of slippery floors and surfaces. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Never return spills in original containers for re-use.

## 7. Handling and Storage

### Handling

Use personal protective equipment as required. Use only in area provided with appropriate exhaust ventilation. Do not get this material in contact with skin or eyes. Wash hands thoroughly after handling. Keep out of reach of children.

### Storage

Keep away from heat and sources of ignition. Keep container tightly closed in a cool, well-ventilated place. Have emergency equipment readily available.

## 8. Exposure Controls / Personal Protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value
2-AMINOETHANOL (141-43-5)	STEL	6 ppm
ETHANOL (64-17-5)	TWA	3 ppm
	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	3 ppm
ETHANOL (64-17-5)	PEL	6 mg/m <sup>3</sup>
		1000 ppm
		1900 mg/m <sup>3</sup>

### Engineering controls

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

### Personal protective equipment

#### Eye / face protection

Wear chemical goggles or face shield.

#### Skin protection

Rubber gloves.

<b>Respiratory protection</b>	Not normally needed.
<b>General hygiene considerations</b>	Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

<b>Color</b>	Dark blue.
<b>Odor</b>	Scented
<b>Odor threshold</b>	Not available.
<b>Physical state</b>	Liquid.
<b>pH</b>	11.2
<b>Melting point</b>	Not available.
<b>Freezing point</b>	Not available.
<b>Boiling point</b>	175 °F (79.4 °C)
<b>Flash point</b>	97 °F (36.1 °C)
<b>Evaporation rate</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Specific gravity</b>	0.94
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>VOC</b>	23.56 % estimated
<b>Percent volatile</b>	65.347 % estimated

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	This is a stable material.
<b>Conditions to avoid</b>	Keep away from heat, sparks and open flame.
<b>Hazardous decomposition products</b>	Irritants.
<b>Hazardous polymerization</b>	Will not occur.

## 11. Toxicological Information

<b>Toxicological data</b>	
<b>Components</b>	<b>Test Results</b>
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 Acute Oral LD50 Rat: 200 - 2000 mg/kg
QUATERNARY AMMONIUM COMPOUNDS, BENZYLCOCO ALKYLDIMETHYL, CHLORIDES (61789-71-7)	
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

**Components****Test Results**

QUATERNARY AMMONIUM COMPOUNDS,  
C12-14-ALKYL[(ETHYLPHENYL)METHYL]DIMETHYL,  
CHLORIDES (85409-23-0)

Acute Oral LD50 Rat: 200 - 2000 mg/kg

**Sensitization**

Not available.

**Local effects**

Risk of serious damage to eyes. Harmful in contact with skin and if swallowed. Irritating to respiratory system.

**Chronic effects**

Hazardous by OSHA criteria.

**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****Waste codes**

D001: Waste Flammable material with a flash point <140 F

**Disposal instructions**

Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

Dispose of container in accordance with label instructions.

**14. Transport Information****DOT****Basic shipping requirements:****Proper shipping name**

DISINFECTANTS, LIQUID, CORROSIVE, N.O.S. (2-AMINOETHANOL), LTD QTY  
[may be shipped as a CONSUMER COMMODITY ORM-D through 12/31/2013]

**Hazard class**

8

**UN number**

1903

**Packing group**

III

**Additional information:****ERG number**

153

**IMDG****Basic shipping requirements:****Proper shipping name**

Disinfectants, liquid, corrosive, n.o.s. (2-AMINOETHANOL), LTD QTY

**Hazard class**

8

**UN number**

1903

**Packing group**

III

**IATA****Basic shipping requirements:****Proper shipping name**

Disinfectants, liquid, corrosive, n.o.s. (2-AMINOETHANOL), LTD QTY

**Hazard class**

8

**UN number**

1903

**Packing group**

III

**Notes**

DO NOT SHIP BY AIR. Does not meet packaging requirements for air shipments.

## 15. Regulatory Information

### US federal regulations

This is an EPA-registered pesticide (Registration No. 6836-244-3573).  
FIFRA-regulated products are not subject to TSCA.

### CERCLA (Superfund) reportable quantity

ETHANOL: 100

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

**Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - Yes  
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
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#### 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
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#### US - Massachusetts RTK - Substance: Listed substance

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

#### 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: 3  
Flammability: 3  
Physical hazard: 0

### NFPA ratings

Health: 3  
Flammability: 3  
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.