

# 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 #** 13  
**Revision date** 05-28-2013  
**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** 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.

This product will not support sustained combustion when in contact with open flame above the indicated flash point.

#### 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.

### Auto-ignition temperature

703.04 °F (372.8 °C) estimated

## 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 to 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
	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/m <sup>3</sup>
		3 ppm
ETHANOL (64-17-5)	PEL	1900 mg/m <sup>3</sup>
		1000 ppm

### 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.

<b>Skin protection</b>	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>Form</b>	Liquid.
<b>Odor</b>	Scented
<b>pH</b>	11.2
<b>Melting point</b>	-125.9 °F (-87.699320883 °C) estimated
<b>Freezing point</b>	-125.9 °F (-87.699320883 °C) estimated
<b>Boiling point</b>	175 °F (79.44 °C)
<b>Flash point</b>	97.00 °F (36.11 °C)
<b>Evaporation rate</b>	Not available.
<b>Vapor pressure</b>	28.870495599 hPa estimated
<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
<b>Density</b>	0.84 g/cm3 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

### 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 Acute Oral LD50 Rat: 200 - 2000 mg/kg
QUATERNARY AMMONIUM COMPOUNDS, BENZYLCOCO ALKYLDIMETHYL, CHLORIDES (61789-71-7)	
QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL[(ETHYLPHENYL)METHYL]DIMETHYL, CHLORIDES (85409-23-0)	Acute Oral LD50 Rat: 200 - 2000 mg/kg
<b>Sensitization</b>	Not available.
<b>Local effects</b>	Risk of serious damage to eyes. Harmful in contact with skin and if swallowed. Irritating to respiratory system.
<b>Chronic effects</b>	Hazardous by OSHA criteria.
<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

### 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

### Notes

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

This product will not support sustained combustion.

### 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

## 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.

### US CERCLA Hazardous Substances: Reportable quantity

ETHANOL (CAS 64-17-5)

US CERCLA Hazardous Substances: Reportable quantity RCRA  
HAZARDOUS WASTE NO. D001 - 100 lbs

US CERCLA Hazardous Substances: Reportable quantity  
UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF  
IGNITABILITY 100 lbs

<b>Hazard categories</b>	Immediate Hazard - Yes
	Delayed Hazard - Yes
	Fire Hazard - Yes
	Pressure Hazard - No
	Reactivity Hazard - No

Section 311 hazardous chemical	No
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## ILLRTK

Contains no Illinois Right To Know toxic substances.

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

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

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

RCRA HAZARDOUS WASTE NO. D001 (CAS 64-17-5)	RCRA HAZARDOUS WASTE NO. D001 UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY
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2-AMINOETHANOL (CAS 141-43-5)	LISTED
ETHANOL (CAS 64-17-5)	LISTED

## US - New Jersey RTK - Hazardous substance

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

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

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

Contains no Rhode Island Right To Know hazardous substances.

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.