

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Spic & Span Disinfecting All-Purpose Spray & Glass Cleaner - diluted for use per label instructions

Product Code 15154200d

Version # 07

Revision date 10-26-2011

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

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.
Auto-ignition temperature	703.4 °F (372.799489332 °C) estimated

6. Accidental Release Measures

Personal precautions	Not applicable.
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 care in handling/storage. Avoid release to the environment.
Storage	Store in properly labeled containers. Store in accordance with local/regional/national/international regulation.

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	10.6

Melting point	Not available.
Freezing point	Not available.
Boiling point	212 °F (100 °C)
Flash point	95 - 100 °F (35 - 37.8 °C)
Evaporation rate	Not available.
Vapor pressure	Not available.
Specific gravity	0.99
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available
VOC	1.57852 % estimated
Percent volatile	97.678249 % 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)	<p>Acute Dermal LD50 Rabbit: 1025 mg/kg</p> <p>Acute Oral LD50 Guinea pig: 620 mg/kg</p> <p>Acute Oral LD50 Mouse: 700 mg/kg</p> <p>Acute Oral LD50 Rat: 10.2 g/kg</p> <p>Acute Other LD50 Mouse: 50 mg/kg</p> <p>Acute Other LD50 Rat: 67 mg/kg</p>
ETHANOL (64-17-5)	<p>Acute Inhalation LC50 Mouse: 0.039 mg/l 4 Hours</p> <p>Acute Inhalation LC50 Rat: 20000 mg/l 10 Hours</p> <p>Acute Oral LD50 Dog: 5.5 g/kg</p> <p>Acute Oral LD50 Guinea pig: 5.6 g/kg</p> <p>Acute Oral LD50 Mouse: 3450 mg/kg</p> <p>Acute Oral LD50 Rat: 7060 mg/kg</p> <p>Acute Oral LD50 Rat: 6.2 g/kg</p> <p>Acute Other LD50 Mouse: 933 mg/kg</p> <p>Acute Other LD50 Rat: 1440 mg/kg</p>

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.

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

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

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

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: 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.