

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Concentrated Spic & Span Disinfecting All-Purpose Spray and Glass Cleaner
Product Code 92041835
Version # 04
Revision date 01-30-2014
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. Ingestion. Skin contact. Eye contact.
Eyes Corrosive. Causes irreversible eye damage.
Skin Corrosive. Causes skin burns. Harmful if absorbed through skin.
Inhalation Harmful if inhaled.
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
1-AMINOPROPAN-2-OL	78-96-6	5-10
AKLYL DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE	85409-23-0	0.1-1
ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE	CONFIDENTIAL	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 (CO₂).

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 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

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.

Respiratory protection Not normally needed.

General hygiene considerations Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Color Dark blue.

Form Liquid.

Odor Scented

pH 10.4 - 11.2

Melting point Not available.

Freezing point Not available.

Boiling point Not available.

Flash point 163.00 °F (72.78 °C)

Evaporation rate Not available.

Vapor pressure Not available.

Specific gravity 1

Solubility (water) Not available.

Partition coefficient (n-octanol/water) Not available

VOC Product complies with US state and federal regulations for VOC content in consumer products.

10. Chemical Stability & Reactivity Information

Chemical stability This is a stable material.

Conditions to avoid Keep away from heat, sparks and open flame.

Hazardous decomposition products Irritants.

Hazardous polymerization Will not occur.

11. Toxicological Information

Toxicological data

Components

Test Results

1-AMINOPROPAN-2-OL (78-96-6)

Acute Oral LD50 Rat: 4.26 g/kg

AKLYL DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE (85409-23-0)

Acute Oral LD50 Rat: 200 - 2000 mg/kg

ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE (CONFIDENTIAL)

Acute Dermal LD50 Rat: 1420 mg/kg

Acute Oral LD50 Mouse: 150 mg/kg

Acute Oral LD50 Rat: 240 mg/kg

Acute Other LD50 Rat: 13.9 mg/kg

Sensitization Not a sensitizer.

Acute effects

Product

Test Results

Concentrated Spic & Span Disinfecting All-Purpose Spray and Glass Cleaner

> 5000 mg/kg Oral
Species: Rat

Local effects Causes irreversible eye damage. Harmful in contact with skin. Harmful by inhalation. Irritating to mucous membranes. 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

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. Do not dispose of waste into sewer. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international 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.

DOT

Basic shipping requirements:

Proper shipping name DISINFECTANTS, LIQUID, CORROSIVE, N.O.S. (1-AMINOPROPAN-2-OL), 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. (1-AMINOPROPAN-2-OL), LTD QTY, MARINE POLLUTANT

Hazard class 8

UN number 1903

Packing group III

Marine pollutant Yes

IATA

Basic shipping requirements:

Proper shipping name Disinfectants, liquid, corrosive, n.o.s. (1-AMINOPROPAN-2-OL), 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. 3573-96).

One or more components are not listed on TSCA. FIFRA-regulated products are not subject to TSCA.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
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 - Illinois Chemical Safety Act: Listed substance

US - Massachusetts RTK - Substance: Listed substance

1-AMINOPROPAN-2-OL (CAS 78-96-6) LISTED

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

US - New Jersey RTK - Hazardous substance

2-Propanol, 1-amino- (CAS 78-96-6) 2-Propanol, 1-amino-

US - New Jersey RTK - Special Hazard: Listed substance

Contains no New Jersey Right To Know special hazards.

US - New Jersey RTK - Substances: Listed substance

1-AMINOPROPAN-2-OL (CAS 78-96-6) 2-Propanol, 1-amino- LISTED

US - Pennsylvania RTK - Hazardous Substances: Listed substance

1-AMINOPROPAN-2-OL (CAS 78-96-6) LISTED

US - Rhode Island RTK - Hazardous Substances: Listed substance

Contains no Rhode Island Right To Know hazardous substances.

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: 1
Physical hazard: 0

NFPA ratings

Health: 3
Flammability: 1
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.