

1. IDENTIFICATION

Product Name	Spic and Span® Disinfecting All-Purpose Spray and Glass Cleaner - Concentrated
Product Code(s)	3-05
Product ID:	92041835_PROF_NG
Product Type:	Finished Product - Professional Use Only
Recommended Use	Disinfectant
Restrictions on Use	Use only as directed on label.
Manufacturer	Procter & Gamble Professional 2 P&G Plaza Cincinnati, Ohio 45202 Procter & Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 1-800-332-7787
E-mail Address	pgsds.im@pg.com
Emergency Telephone	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

2. HAZARD IDENTIFICATION

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.

Hazard Category	
Skin corrosion/irritation	Category 1
Eye Damage / Irritation	Category 1
Flammable Liquids	Category 4

Signal Word DANGER

Hazard Statements Causes severe skin burns and eye damage
Combustible liquid

Hazard pictograms



Precautionary Statements - Prevention
 Do not breathe mist
 Wash hands thoroughly after handling
 Wear protective gloves and eye protection
 Use with ventilation.
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep container tightly closed

Precautionary Statements - Response
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Immediately call a POISON CENTER or doctor/physician
 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
 Drink 1 or 2 glasses of water
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
 In case of fire: Use water, CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage
 Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal
 Dispose of contents/container in accordance with local regulation

Hazards not otherwise classified (HNOC) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight %
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	-	No	112-34-5	10 - 15
2-Hexyloxyethanol	-	No	112-25-4	5 - 10
1-Aminopropan-2-ol	-	No	78-96-6	5 - 10
D-Glucopyranose, oligomeric, decyl octyl glycosides	-	No	68515-73-1	1 - 5

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact Rinse with plenty of water. Call a physician immediately.

Skin contact Rinse with plenty of water. Get medical attention if irritation develops and persists.

Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Inhalation IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or poison control center immediately.

Most important symptoms/effects, acute and delayed None under normal use conditions.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	In case of fire: Use water, CO ₂ , dry chemical, or foam for extinction.
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire.
Special hazard	Fumes may catch fire.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific hazards arising from the chemical	None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment. Do not get in eyes, on skin, or on clothing.
Advice for emergency responders	Use personal protective equipment as required.

Methods and materials for containment and cleaning up

Methods for containment	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
Methods for cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Keep away from open flames, hot surfaces and sources of ignition. 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 the reach of children.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.
Incompatible products	None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	CAS-No	ACGIH TLV	OSHA PEL	Mexico PEL
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	TWA: 10 ppm inhalable fraction and vapor		

No relevant exposure guidelines for other ingredients

Exposure controls

Engineering Measures

Distribution, Workplace and Household Settings:
 Ensure adequate ventilation

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
 Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

Personal Protective Equipment

Eye Protection

Distribution, Workplace and Household Settings:
 Requires Eye Protection

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
 Safety glasses with side-shields
 If splashes are likely to occur, wear:
 Tightly fitting safety goggles

Hand Protection

Distribution, Workplace and Household Settings:
 Protective gloves

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
 Protective gloves

Skin and Body Protection

Distribution, Workplace and Household Settings:
 Wear suitable protective clothing

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
 Wear suitable protective clothing

Respiratory Protection

Distribution, Workplace and Household Settings:
 No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
 In case of insufficient ventilation wear suitable respiratory equipment

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C	liquid
Appearance	blue
Odor	Scented
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	10.4 - 11.2	
Melting/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash point	72.8 °C / 163 °F	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper flammability limit	No information available	
Lower flammability limit	No information available	
Vapor pressure	No information available	

Vapor density	No information available
Relative density	1.00
Water solubility	100%
Solubility in other solvents	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity of Product	< 10 cps
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products.

10. STABILITY AND REACTIVITY

Reactivity	None under normal use conditions.
Stability	Stable under normal conditions.
Hazardous polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.
Conditions to Avoid	Keep away from open flames, hot surfaces and sources of ignition.
Materials to avoid	None in particular.
Hazardous Decomposition Products	None under normal use.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

Inhalation	No known effect.
Skin contact	May cause burns.
Ingestion	No known effect.
Eye contact	Risk of serious damage to eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity	No known effect.
Skin corrosion/irritation	Causes severe burns.
Serious eye damage/eye irritation	Risk of serious damage to eyes.
Skin sensitization	No known effect.
Respiratory sensitization	No known effect.
Germ cell mutagenicity	No known effect.
Neurological Effects	No known effect.
Reproductive toxicity	No known effect.
Developmental toxicity	No known effect.
Teratogenicity	No known effect.
STOT - single exposure	No known effect.
STOT - repeated exposure	No known effect.
Target Organ Effects	No known effect.
Aspiration hazard	No known effect.
Carcinogenicity	No known effect.

Component Information

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	2410 mg/kg (rat)	-	-
1-Aminopropan-2-ol	78-96-6	2813 mg/kg bw (Similar to OECD 401; BASF method;	-	-

		rat)		
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12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic organisms.

Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility	No information available.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste from Residues / Unused Products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.
California Hazardous Waste Codes (non-household setting)	331

14. TRANSPORT INFORMATION

DOT

UN no	UN1903
UN Proper shipping name	Disinfectant, liquid, corrosive, n.o.s
Description	UN1903, Disinfectant, liquid, corrosive, n.o.s (2-Hexyloxyethanol, 1-Aminopropan-2-ol), 8, III
Hazard Class	8
Packing Group	III
Special Provisions	IB3, T4, TP1
Emergency Response Guide Number	153

IMDG

UN Number	UN1903
UN Proper shipping name	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
Description	UN1903, Disinfectant, liquid, corrosive, n.o.s. (2-Hexyloxyethanol, 1-Aminopropan-2-ol), III
Transport hazard class(es)	8
Packing Group	III
Environmental Hazards	Marine pollutant
Special precautions for user	223, 274
EmS-No	F-A, S-B

IATA

UN no	UN1903
UN Proper shipping name	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
Description	UN1903, Disinfectant, liquid, corrosive, n.o.s. (2-Hexyloxyethanol, 1-Aminopropan-2-ol), III
Hazard Class	8
Packing Group	III
ERG Code	8L
Special precautions for user	A3, A803

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	SARA 313 - Threshold Values %
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	1.0
2-Hexyloxyethanol	112-25-4	1.0

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

Chemical Name	CAS-No	CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	X
2-Hexyloxyethanol	112-25-4	X

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

California Proposition 65

This product is not subject to warning labeling under California Proposition 65. Ethanol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

U.S. State Regulations (RTK)

Chemical Name	CAS-No	New Jersey
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	X
2-Hexyloxyethanol	112-25-4	X
1-Aminopropan-2-ol	78-96-6	X

Chemical Name	CAS-No	Massachusetts
1-Aminopropan-2-ol	78-96-6	X

Chemical Name	CAS-No	Pennsylvania
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	X
2-Hexyloxyethanol	112-25-4	X
1-Aminopropan-2-ol	78-96-6	X
Ethanol	64-17-5	X

International Inventories

United States

All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

Canada

This product is in compliance with CEPA for import by P&G.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

CEPA - Canadian Environmental Protection Act

FIFRA

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

EPA Registration number: 3573-96

DANGER

Corrosive

Causes irreversible eye damage and skin burns

HARMFUL IF ABSORBED THROUGH SKIN

Harmful if inhaled

16. OTHER INFORMATION

HMIS Ratings

Health hazard 3

Flammability 1

Physical hazard 0

Health hazard 3

Flammability 1

Instability 0

Issuing Date: 09-Feb-2015

Revision Date: 07-Apr-2015

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of SDS