

1. IDENTIFICATION

Product Name	Safeguard Hand Sanitizer
Product Identifier	91722966_PROF_NG
Product Type:	Finished Product - Professional
Recommended use	Hand Hygiene.
Details of the supplier of the safety data sheet	Procter & Gamble Professional 1 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:.

Eye Damage / Irritation	Category 2
Physical hazards	Category 2
Flammable liquids	
Signal word	Danger
Hazard statements	Causes serious eye irritation
Physical hazards	Highly flammable liquid and vapor
Hazard pictograms	



Precautionary Statements	Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves Wear protective gloves/protective clothing/eye protection/face protection IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention Keep away from heat Keep container tightly closed
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Ground/bond container and receiving equipment
 Use only non-sparking tools
 Remove/Take off immediately all contaminated clothing
 Store in a well-ventilated place. Keep cool
 Store in a well-ventilated place
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Wash hands thoroughly after handling
 Wear protective gloves and protective clothing

Precautionary Statements - Response

In case of fire: Use water, CO₂, dry chemical, or foam for extinction
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention

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

Precautionary Statements - Disposal Dispose of contents/container to an approved waste disposal plant
 Dispose of contents/containers in accordance with local regulations

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-%
Ethanol	Ethanol	Yes	64-17-5	60 - 80

Additional information Actual concentrations withheld as trade secret in accordance with Canadian HPR

4. FIRST AID MEASURES

Description of first aid measures

Eye contact Rinse with plenty of water. Get medical attention immediately if irritation persists. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention immediately if symptoms occur.

Ingestion If swallowed: Not an expected route of exposure. Clean mouth with water and drink afterwards plenty of water. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Inhalation None under normal use.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable properties Flammable liquid and vapor

Suitable extinguishing media Dry chemical. Alcohol resistant foam. Carbon dioxide (CO₂).

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	None under normal use conditions.
Advice for emergency responders	Use personal protective equipment as required.
Environmental precautions	Keep out of waterways Do not discharge product into natural waters without pre-treatment or adequate dilution

Methods and material for containment and cleaning up

Methods for containment	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. 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 container closed when not in use. Never return spills in original containers for re-use. Use personal protective equipment as required. Keep out of the reach of children. Keep away from open flames, hot surfaces and sources of ignition.
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Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions	Keep away from open flames, hot surfaces and sources of ignition. Store away from other materials.
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	No exposure limits noted for ingredient(s).
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No relevant exposure guidelines for other ingredients

Appropriate engineering controls

Engineering Measures	Manufacturing Sites: Ensure adequate ventilation Distribution, Workplace and Household Settings:
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Not applicable

Personal Protective Equipment**Eye Protection****Manufacturing Sites:**

Wear eye/face protection

Wear safety glasses with side shields (or goggles)

Distribution, Workplace and Household Settings:**Hand Protection****Manufacturing Sites:**

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves

Skin and Body Protection

Wear protective gloves and protective clothing

Respiratory Protection

No special protective equipment required

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	
Appearance	Clear colorless	
Odor	Alcohol	
Odor threshold	No information available	
Property	Values	Remarks
pH (as aqueous solution)	6 - 8	
Melting point / freezing point	No information available	
Boiling point / boiling range	79 °C / 174 °F	
Flash point	20 °C / 68 °F	Closed cup.
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	.
Decomposition temperature	No information available	.
Viscosity	No information available	

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.
Incompatible materials	None in particular.
Hazardous decomposition products	None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

Product Information**Information on likely routes of exposure**

Inhalation	No known effect.
Skin contact	No known effect.
Ingestion	No known effect.
Eye contact	Avoid contact with eyes. Irritating 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	No known effect.
Serious eye damage/eye irritation	Causes serious eye irritation.
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.
Aspiration hazard	No known effect.
Carcinogenicity	No known effect.

Component Information

Chemical name	CAS No	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol	64-17-5	10470 mg/kg bw (OECD 401)	-	116.9 mg/L air (//OECD 403)

12. ECOLOGICAL INFORMATION**Ecotoxicity**

The product is not expected to be hazardous to the environment.

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

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

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

The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size.

DOT

UN/ID no	UN1170
UN Proper shipping name	ETHANOL
Description	UN1170, ETHANOL, 3, II
Hazard class	3
Packing group	II
Packaging Exceptions	150, 4b
Bulk packaging	242
Non-bulk Packaging	202
Emergency Response Guide Number	127

The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size

IMDG

UN number	UN1170
UN proper shipping name	ETHANOL
Description	UN1170, ETHANOL, 3, II, (20°C C.C.)
Transport hazard class(es)	3
Packing group	II
EmS-No	F-E, S-D

The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size.

IATA

UN number	UN1170
UN proper shipping name	ETHANOL
Description	UN1170, ETHANOL, 3, II
Transport hazard class(es)	3
Packing group	II

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS**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.

Food and Drug Administration (FDA)

The product described in this Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable)

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

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

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.

U.S. State Regulations (RTK)

Chemical name	CAS No	New Jersey
Ethanol	64-17-5	X

Chemical name	CAS No	Massachusetts
Ethanol	64-17-5	X

Chemical name	CAS No	Pennsylvania
Ethanol	64-17-5	X
Hydrogen peroxide solution	7722-84-1	X

International Inventories

United States

Product is a personal care product and regulated under FDA

Canada

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

Legend

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

CEPA - Canadian Environmental Protection Act

Perfumes contained with the products comply with appropriate IFRA guidance.

16. OTHER INFORMATION

HMIS

NFPA

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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 Safety Data Sheet