

IDENTITY

Trade Name: PULPDENT SKIN GENIE

Code: SK

Chemical Description: Ethyl alcohol preparation.

Intended Use: Healthcare personnel handwash.

SECTION I

Pulpdent Corporation  
80 Oakland Street  
Watertown, MA 02472 USA

Phone Numbers:  
24 Hour Emergency: 1-800-535-5053  
Customer Service: 1-800-343-4342 / 1-617-926-6666

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SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS RN	PEL/TLV	UN Number
Ethyl alcohol	64-17-5	1000 ppm	UN 1170
Isopropyl alcohol (denaturant)	67-63-0	400 ppm	UN 1219

DOT HAZARD CLASSIFICATION: Class 3 / Flammable liquid

WHMIS CLASSIFICATION: B-2, Flammable liquid

NFPA HMIS RATING: HEALTH: 0 FLAMMABILITY: 3 REACTIVITY: 0

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Specific Gravity: 0.795 Solubility in water: Complete Odor Threshold: 159 ppm  
Appearance and Odor: Clear liquid with characteristic alcohol odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**WARNING! FLAMMABLE.** Avoid heat, sparks, flame, ignition sources. Vapor may form flammable mixture with air.

Flash Point: 43°F/6°C (Tag closed cup) Auto-ignition Temperature: 423°C

Flammable limits: LEL: 3.3 UEL: 19

Extinguishing Media: Use dry chemical, alcohol foam, or carbon dioxide. Water spray may be ineffective, but should be used to keep fire-exposed containers cool.

Special Fire Fighting Procedures: If a leak or spill has not ignited, use water spray to disperse vapors and protect personnel attempting to stop a leak. Water spray may be used to flush spills away from exposures and to dilute spills to nonflammable mixtures.

Hazardous Combustion Products: Carbon monoxide and/or carbon dioxide from incomplete combustion.

Unusual Fire and Explosion Hazards: Firefighters should wear self-contained breathing apparatus in the positive pressure mode with a full face piece.

SECTION V - REACTIVITY DATA

Stability: Generally stable.

Conditions to avoid: Heat, flame, sparks.

Incompatibility: Acetyl chloride and a wide range of oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide from incomplete combustion

Hazardous Polymerization: None.

Conditions to avoid: None

SECTION VI - HEALTH HAZARD DATA

**Summary of Acute Hazards:** Minimal health hazard in normal use. For larger quantities and with prolonged exposure, ethyl alcohol is considered a moderate health hazard.

<i>Route of Exposure</i>	<i>Signs &amp; Symptoms</i>
Inhalation	None under normal conditions of use. Exposure >1000 ppm may cause irritation, headache, drowsiness, lassitude, loss of appetite.
Eye Contact	Liquid or vapor may cause mild to moderate irritation.
Skin absorption	None expected under normal conditions of use (2.5 to 3 ml per dose). For prolonged exposure to large quantities, symptoms are similar to inhalation/ingestion.
Skin Contact	None under normal conditions of use (2.5 to 3 ml per dose).
Ingestion	None in small quantities. Large quantities may cause central nervous system depression, nausea, vomiting, diarrhea.

*Summary of Chronic Health Hazards:* No chronic health hazard under normal conditions of use. Large quantities of ethanol, ingested over prolonged period of time, may be carcinogenic or a cause of Fetal Alcohol Syndrome.

*Carcinogenicity:* Not a carcinogen under normal conditions of use. IARC reports a relationship between repeated drinking of significant quantities of alcoholic beverages and cancer of oral cavity, pharynx, esophagus and liver.

*Teratogenicity, Mutagenicity, Reproductive Toxicity:* Ingestion of alcohol by pregnant women is associated with Fetal Alcohol Toxicity Syndrome in their offspring.

*Emergency First Aid Procedures:*

Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Eye contact	Flush with running water for at least 15 minutes. Seek medical attention.
Ingestion	For large quantities: if conscious and able to swallow, have victim drink water/milk to dilute. Never give anything by mouth to an unconscious or convulsing person. Call a physician/Poison Control Center immediately. Induce vomiting only on their advice.
Skin contact	Wash skin with soap and water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

Handling/Storage Precautions: Keep tightly closed, in well-ventilated area; avoid heat, sparks, direct sunlight, oxidizing agents. Protect container from physical damage. Take same precautions when container is empty as residual product is flammable.

Release or Spill: Wear gloves and safety glasses. Pick up with absorbent material, such as paper or cloth. Rinse area of spill with water. Place all material in closed container away from heat, sparks, sun and oxidizers.

Waste Disposal Method: Follow all government regulations.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Not necessary under normal conditions of use.

Ventilation: No special ventilation required under normal conditions of use. However, for large quantities and prolonged exposure, methods such as enclosure, local ventilation and dilution are recommended to reduce concentration below TLV.

Protective Gloves: Not indicated.

Eye Protection: Safety glasses are recommended.

Other Protective Clothing or Equipment: Emergency eye wash fountain should be close by and maintained.

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*The information presented herein is believed to be factual as it has been derived from the works of persons believed to be qualified experts. However, nothing contained in this information is to be taken as a warranty or representation for which Pulpdent Corporation bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.*

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