

MATERIAL SAFETY DATA SHEET

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. To be valid all information required by 1910.1200(g) of the Standard must appear on this form. Consult the Standard for specific requirements. Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	Quick Name Identifier/Common Name: Isopropyl Alcohol Gel/ Real Flame, Real Flame Jr., Real Flame Pour Gel UPC/SKU: PH0083-C, PH0083-M, PH0083-N, PH0083-Q, PH0084, PH0085, PH0087, PH0088
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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
Manufacturer's Name: Candle Lamp Company, LLC 1799 Rustin Avenue Riverside, CA 92507 Manufactured under contract for: Jensen Metal Products Inc.	24 Hour Emergency Telephone Number: 1-800-255-3924 or 1-813-977-3668 (Collect Calls Accepted) Information Telephone Number: 1-951-682-9600
Date Prepared: 06/30/08	
General or Generic Name: SOLIDIFIED ISOPROPYL ALCOHOL / GELLED ISOPROPYL ALCOHOL	

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS		
Ingredients	CAS No.	% By Weight
Isopropyl Alcohol (IPA)	67-63-0	70

SECTION 3 – HAZARDS IDENTIFICATION	
Eye/Ocular:	Vapors cause eye irritation. Splashes can cause possible corneal burns and eye damage. Symptoms may include stinging, tearing, and redness.
Skin/Dermal	Exposure may cause mild skin irritation. Prolonged/repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns.
Swallowing/Ingestion	Nausea, vomiting, drowsiness, abdominal pain, headache, and dizziness. Ingestion may also cause diarrhea, unconsciousness, and possibly death.
Inhalation	Irritation of respiratory tract. Exposure to high vapor concentrations may cause dizziness, drowsiness, headache, staggering, unconsciousness, and possibly death.
Symptoms of Exposure	Nausea, abdominal pain, vomiting headache, visual disturbance, drowsiness, blindness, coma or death.

SECTION 4 – FIRST AID MEASURES	
Eyes	Flush eyes with large amounts of water for 15 minutes while holding eyelids open. If symptoms persist or there is any visual difficulty seek medical attention.
Skin	Remove contaminated clothing. Wash exposed area with soap and water for 15 minutes. If symptoms continue seek medical attention.
Swallowing	DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and immediately seek medical attention. If the victim is convulsing or unconscious, do not give anything by mouth, and immediately seek medical attention.
Inhalation	Move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer CPR or oxygen. Keep person warm and quiet; seek medical attention.

SECTION 5 – FIRE FIGHTING MEASURES	
Flash Point (Method Used)	53 °F / 11.7 °C (Tag closed cup)
Auto-ignition	~750 °F (399 °C)
Explosive Limit:	Lower Limit: 2% Upper Limit 12.7%
Extinguishing Media	CO2, Foam, Dry Chemical
Fire and Explosion Hazard	Vapors formed from this product may travel or be moved by air currents and ignited by any spark or flame. Sensitive to static discharge. Do not use heat or flame around closed containers; containers may explode and scatter burning gel.
Fire Fighting Instructions	Wear full protective clothing and self-contained breathing apparatus. Water spray can be used to extinguish fires and cool fire exposed containers. Water may be used to flush spills away from exposures and dilute spills to non-flammable mixtures.
NFPA Rating: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme	Health – 1, Flammability – 3, Reactivity – 0
LISTED FIRE DATA IS FOR PURE ISOPROPYL ALCOHOL	

SECTION 6 – ACCIDENTAL RELEASE MEASURES	
Small Spill	Absorb spill on vermiculite paper. Remove from all ignition sources. Make sure there is adequate ventilation. Clean area with water until all material is absorbed and removed.
Large Spill	Eliminate all ignition sources. Ventilate area. Wear appropriate protective equipment. Contain and recover liquid into an appropriate container and absorb excess with vermiculite paper. Dispose of in accordance with Federal, State or local ordinances.

SECTION 7 – HANDLING AND STORAGE	
Handling	Keep away from heat flame and sparks. Avoid breathing vapors. Avoid contact with skin, wash thoroughly after handling. Keep away from children. Place can in fireplace before lighting, and keep away from combustibles. DO NOT TAKE INTERNALLY.
Storage	Containers should be stored away from flame, heat or other ignition sources. Store in a cool dry place (40-120°F, 4-49°C). Provide adequate ventilation. Keep container closed when not in use.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION	
Precautionary Labeling	CAUTION: FLAMMABLE... Keep away from children. Do not use near fire or heat.
Eye Protection	Avoid eye contact. Wear safety goggles or face shield where splashing is possible.
Skin Protection	Avoid contact with skin. Wear impervious clothing. Do not remove gel from container.
Respiratory Protection	Not required unless exposed to high concentrations above approved guidelines
Exposure Guidelines	IPA - OSHA PEL = 400 ppm (TWA), ACGIH TLV = 400 ppm (TWA), 500ppm (STEL)

SECTION 9 – PHYSICAL DATA AND CHEMICAL PROPERTIES	
Appearance and Odor	Thick red gel with slight isopropyl alcohol (rubbing alcohol) odor.
pH	~7 (neutral)
Melting Point	-128 °F (-89 °C)
Boiling Point	180 °F (82 °C)
Evaporation Rate	2.8 (Butyl Acetate = 1)
Vapor Pressure	44 mm Hg @ 77 °F (25 °C)
Vapor Density	2.1 (Air = 1)
Solubility in Water	Gel is slowly dissolved in water

SECTION 10 - STABILITY AND REACTIVITY	
Hazardous Polymerization	Will not occur
Hazardous Decomposition	Burning may cause carbon dioxide and/or carbon monoxide if inadequate oxygen.
Chemical Stability	Stable
Incompatibility	Heat, open flame, and avoid strong oxidizers.

SECTION – 11 TOXICOLOGICAL INFORMATION	
Oral LD50 (rat) = 5,045 mg/kg, Skin LD50 (rabbit) = 12.8 gm/kg, Inhalation LC50 (rat) = 16,000 ppm/8-hr. Not expected to be carcinogenic.	

SECTION 12 - ECOLOGICAL INFORMATION	
When released into soil, IPA should evaporate quickly and biodegrade to a moderate extent. It may leach into ground water. Bio-accumulation is not expected.	

SECTION 13 - DISPOSAL INFORMATION	
Disposal:	Dispose of in accordance with all applicable Federal, State, and local regulations. Purchaser is responsible for proper waste disposal of any partial to full containers. Do not dump into sewers, any bodies of water or onto ground.

SECTION 14 - TRANSPORTATION	
U.S Domestic:	Consumer Commodity ORM-D
International:	UN1219, Isopropanol Solution, PGII, Hazard Class 3

SECTION 15 -REGULATORY INFORMATION	
OSHA:	This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200)
RCRA	This product is considered hazardous waste based on ignitability (D001).
SARA 302 Components:	None
SARA 313 Components:	Isopropyl Alcohol (67-63-0)
International Regulations	Canada: DSL. The intentional ingredients of this product are listed. EEC: EINECS. The intentional ingredients of this product are listed.
State and Local Regulations	
California Proposition 65:	None

SECTION 16 - OTHER INFORMATION	
The above data is based on tests and experience, which Candle Lamp Company, LLC believes reliable and is supplied for informational purposes only. The Candle Lamp Company, LLC products are intended for sale to industrial and commercial customers. Candle Lamp Company, LLC requests that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Some information presented and conclusions drawn herein may be from sources other than direct test data on the substance itself. Candle Lamp Company, LLC disclaims any liability for damage or injury which results from the use of the above data, and nothing contained therein shall constitute a guarantee, warranty (including warranty or merchantability) representation (including freedom from patent liability) by the Candle Lamp Company, LLC with respect to data, the product described, or their use for any specific purpose, even if that purpose is known to Candle Lamp Company, LLC.	