

**Material Safety Data Sheet (MSDS)****Alcohol Prep Pads**

Dukal Corporation  
5 Plant Avenue  
Hauppauge, NY 11788  
631-656-3800

**SECTION I – PRODUCT IDENTIFICATION****Alcohol Prep Pads****PRODUCT:**

**Product Trade Name:** Dukal Alcohol Prep Pads (private label included)  
**Chemical name and Synonyms:** Isopropyl Alcohol  
**Chemical Formula**  $\text{CH}_3\text{CHOHCH}_3$   
**Emergency Telephone Number:** 631-656-3800

**SECTION II – HAZARDOUS INGREDIENTS**

Hazardous Components (Specific Chemical Identity Common Name(s))	OSHA PEL	ACGIH TLV	Other	% (optional)
<b>Isopropanol:</b> (CAS No. 67-63-0)	400ppm	400ppm	N/A	70%
<b>NFPA</b>	<b>Health = 1</b>	<b>Flammability = 3</b>	<b>Reactivity = 0</b>	

**SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS**

**Physical State:** Individually sealed Alcohol Prep Packet  
**Boiling Point:** 80.2 deg C  
**Vapor Pressure (mm Hg):** 33mmHG @ 20 Deg C  
**Vapor Density:** 2.1  
**Specific Gravity:** 0.8405  
**Melting Point:** -31.5 deg C  
**Evaporation Rate (Butyl Acetate=1):** N/A  
**Solubility in Water:** Complete  
**Appearance and Odor:** White Non Woven cloth saturated with Alcohol Solution, mild alcohol odor

**SECTION IV– FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** 68.5 TOC  
**Flammable Limits:** 750 F  
**LEL:** 2%  
**UEL:** 12%  
**Extinguishing Media:** Alcohol Resistant Foam, CO<sub>2</sub>, or Dry Chemical  
**Special Fire Fighting Procedures:** Handle as a Flammable Liquid  
**Unusual Fire and Explosion Hazards:** Respiratory Protection Required for Firefighting Personnel

**SECTION V– REACTIVITY DATA**

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**Stability:** Stable

**Incompatibility (Materials to Avoid):** None Known

**Hazardous Decomposition or Byproducts:** None Known

**Hazardous Polymerization:** Will Not Occur

**SECTION VI- HEALTH AND HAZARD DATA****Route(s) of Entry:**

**Inhalation?** None Known  
**Skin?** Topically Applied  
**Eyes?** Will sting if splashed in eyes  
**Ingestion?** None

**Health Hazards (Acute and Chronic):**

**Inhalation** None  
**Skin Contact** If rash or irritation develops, discontinue use.  
**Eye Contact** Rinse with cool water.  
**Ingestion** If ingested, seek medical attention.

**Carcinogenicity**

**NTP?** NA  
**LARC Monograph?** NA  
**OSHA Regulated?** NA

**Signs and Symptoms of Exposure:**

Coughing, dizziness and watery eyes

**Medical Conditions Generally Aggravated by Exposure:**

Sensitive or inflamed skin may become irritated.

**Emergency and First Aid Procedures:**

If large quantities are ingested, administer warm water and contact physician. With eye contact, flush with water. If irritation persists, contact physician.

**SECTION VII- PRECAUTION FOR SAFE HANDLING AND USE****Steps to be taken in Case Material is Released or Spilled:**

Eliminate all sources of ignition and flush with large quantities of water spray.

**Waste Disposal Method:**

Follow local, state and federal regulations

**Storage:**

None

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**Precautions to Be taken in Handling  
and Storage:**

None Known

**Other Precautions:**

None Known

**SECTION VIII- CONTROL MEASURES**

**Respiratory Protection (Specific Type):**

NA

**Ventilation**

**Local Exhaust:**

None

**Mechanical (General):**

None

**Special:**

NA

**Other:**

NA

**Protective Gloves:**

NA

**Eye protection:**

Goggles: Use eye bath if eye contact occurs.

**Other Protective Clothing or Equipment:**

NA

**Work / Hygiene Practices:**

Good hygienic practice.

**SECTION IX- INTERNATIONAL TRANSPORT INFORMATION**

**Product Class:**

Consumer Commodity, ORM-D

**UN Number:**

1219, Class 3, Packing Group 2

**Issue Date:**

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**Prepared by:**

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