

**Material Safety Data Sheet (MSDS)****Alcohol Prep Pads**Dukal Corporation  
2 Fleetwood Court  
Ronkonkoma, NY 11779  
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** CH<sub>3</sub>CHOHCH<sub>3</sub>  
**Emergency Telephone Number:** 631-656-3800

**SECTION II – HAZARDOUS INGREDIENTS**

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

**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:** Pad is not soluble in water  
**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° F 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 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**

*Proper Shipping Name:* Solids containing Flammable Liquid. n.o.s. (Isopropanol)  
*Hazard Class / Package Group* 4.1, II  
*Identification Number* UN3175  
*IATA* Special Provision A46  
*USDOT* Special Provision 47  
*IMDG Code* Special Provision 216

According to DOT 49 CFR 172.102 Special Provision 47, IATA Special Provision A46, and IMDG Code Special Provision 216, small inner packagings consisting of sealed packets and articles containing less than 10 mL of a Class 3 liquid in Packing Group II or III absorbed onto a solid material are not subject to as a hazardous material/dangerous goods provided there is no free liquid in the packet or article.



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**Issue Date:** 6-28-10  
**Prepared by:** Jim Vilardi

*Disclaimer*

*The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text*