

**SECTION 1: PRODUCT IDENTIFICATION**

**Product:** Alcohol Prep Pads

**Product Label Name:** Dukal Alcohol Prep Pads (private label included)

**Company Name and Address:** Dukal Corporation  
2 Fleetwood Court  
Ronkonkoma, NY 11779

**Emergency Telephone Number:** 631-656-3800

**Recommended use:** This product is intended for use as a skin antiseptic. It is for external use only.

**SECTION 2: HAZARDOUS IDENTIFICATION**

**Hazard Class/Category:** Flammable Liquid – 2  
Eye Irritation – 2B

**Hazard Symbol:**



**Signal Word:** Danger

**Hazard Statements:** Highly flammable liquid and vapor. (H225)  
Causes eye irritation. (H320)  
May cause drowsiness or dizziness. (H336)

**Precautionary statements:**

**General:** Keep out of reach of children. (P102)

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes.  
If eye irritation persists: Get medical advice/attention.  
(P305+P338) (P337+P313)

**Inhalation:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. (P304+P340)

**SECTION 3: INFORMATION ON INGREDIENTS**

Component Name	CAS #	EC #	Concentration	R Phrase
Isopropyl Alcohol	67-63-0	200-661-7	>60%	R11



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### SECTION 4: FIRST-AID MEASURES

#### Emergency first aid procedures by route of exposure:

**Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**Ingestion:** Do not induce vomiting. If the material is swallowed have victim drink 1-3 glasses of water to dilute stomach contents. Seek medical attention or advice.

**Skin:** If irritation is experienced, rinse with water. If irritation persists, seek medical attention.

**Eyes:** Rinse eyes with water for 15 minutes holding the eye open. Seek medical attention if irritation persists

### SECTION 5: FIRE-FIGHTING MEASURES

**Flammability Classification:** Flammable Liquid IB Extinguishing Media: Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.

**Products of Combustion:** Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

**Fire Fighting Equipment/Instructions:** Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

**Environmental Precautions:** Prevent discharge to open waters.

**Method for Containment:** Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth.

**Methods for Clean-Up:** Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

### SECTION 7: HANDLING AND STORAGE



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**Handling:** Keep away from heat, sparks and flame. Prevent contact with eyes. Use in well ventilated area.

**Storage:** Keep the container tightly closed and in a cool, well ventilated place.

### SECTION 8: EXPOSURE CONTROLS

**Isopropyl Alcohol (67-63-0)**

**ACGIH:** 200 ppm TWA

**OSHA:** 400 ppm TWA; 980 mg/m<sup>3</sup> TWA

**Engineering Controls:** Normal room ventilation is usually adequate under normal use.

**Personal Protective Equipment (PPE):**

**Eye/Face Protection:** None needed under normal use – Wear goggles is exposed to unusual amount and splashing

**Skin Protection:** None needed under normal use -- Wear overalls or apron if splashing is possible

**Respiratory Protection:** May be needed if vapor concentrations are high.

**General Hygiene Considerations:** None needed under normal use.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Non-woven cloth saturated with liquid. There may be some free liquid in packaging.

**Appearance/Color:** Clear

**Odor:** Alcohol

**PH:** Not Available.

**Vapor Density:** 2.1 (air=1)

**Boiling Point:** 80°C

**Vapor Pressure:** No data

**Melting Point:** No data

**Freezing Point:** Not Available

**Flash Point:** 11.7°C for 70% Isopropanol Solution

**Solubility (in water):** Soluble

**Specific Gravity @ 25°C:** 0.88-0.92

**Evaporation Rate:** Not Available

**Octanol/Water partition coefficient :** Not Available

**Auto-ignition temperature:** Not Available

**Decomposition temperature:** Not Available

### SECTION 10: STABILITY AND REACTIVITY



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**Stability:** Stable under normal ambient temperatures 70°C (21°C)

**Condition to Avoid:** Avoid excessive heat or sources of ignition.

**Incompatible Materials:** This product reacts with strong acid, strong bases, and oxidizing agents.

**Hazardous Decomposition:** Upon decomposition, this product evolves carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

**Hazardous Reactions:** Hazardous polymerization will not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### ACUTE EFFECTS:

##### A: General Product information

Product contains isopropyl alcohol.

##### B: Acute Toxicity

Low order of acute toxicity is possible.

#### CHRONIC EFFECTS: Component

**Isopropyl Alcohol (67-63-0)** -- This product is not expected to cause long term adverse effects

**Carcinogenicity:** ACGIH A4 – Not Classifiable as a Human Carcinogen

**Neurotoxicity:** No information available

**Mutagenicity:** No information available for product.

**Reproductive:** This product is not expected to cause reproductive health effects

**Developmental:** This product is not expected to cause reproductive health effects.

**Target Organs:** When consumed, ethyl alcohol can target the respiratory system, skin, eyes, CNS, liver, blood and reproductive system.

### SECTION 12: ECOLOGICAL INFORMATION

Solutions of alcohols are toxic to aquatic life at moderate to low concentrations. No long-term ecological effects are likely. Concentrated solutions of alcohols and surfactants may cause damage to aquatic and terrestrial plants.

### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with national and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld near container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

### SECTION 14: TRANSPORTATION INFORMATION



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**DOT** Not Regulated as Hazardous Material under DOT 49 CFR 172.102 Special Provision 47

**Proper Shipping Name** Solids containing Flammable Liquid. n.o.s. (Isopropanol)  
**Hazard Class** 4.1  
**Packing Group** II  
**Description** Solids Containing Flammable Liquid n.o.s. (Isopropanol)  
**UN#** UN3175

**UN-No.** UN3175  
**Proper Shipping Name** Solids Containing Flammable Liquid n.o.s. (Isopropanol)  
**Hazard Class** 4.1  
**Packing Group** II  
**Description** Solids Containing Flammable Liquid n.o.s. (Isopropanol)

**IATA** Not Regulated as Hazardous Material under IATA Sec. 4.4 Special Provision A46

**UN-No.** UN3175  
**Proper Shipping Name** Solids Containing Flammable Liquid n.o.s. (Isopropanol)  
**Hazard Class** 4.1  
**Packing Group** II  
**Description** Solids Containing Flammable Liquid n.o.s. (Isopropanol)  
**Marine Pollutant** No

**IMDG/IMO** Not Regulated as Hazardous Material under IMDG Ch. 3.3 Special Provision 216

**UN-No.** UN3175  
**Proper Shipping Name** Solids Containing Flammable Liquid n.o.s. (Isopropanol)  
**Hazard Class** 4.1  
**Packing Group** II  
**Description** Solids Containing Flammable Liquid n.o.s. (Isopropanol)  
**Marine Pollutant** No

**DOT/IATA/IMDG Special Provisions:** (DOT) Mixtures of solids that are not subject to this subchapter and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Except when the liquids are fully absorbed in solid material contained in sealed bags, for single packagings, each packaging must correspond to a design type that has passed a leakproofness test at the Packing Group II level. 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 this subchapter provided there is no free liquid in the packet or article. (IATA) Small inner packagings consisting of sealed packets or articles containing less than 10 mL of a Packing Group II or III



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flammable liquid absorbed into a solid material are not subject to these Regulations provided there is no free liquid in the packet or article. (IMDG) Sealed packets containing 10 ml or less of Class 3 flammable liquids in Packing Group II or III which are absorbed into a solid with no free liquid at the time of shipment are not regulated.

### SECTION 15: REGULATORY INFORMATION

#### DOT / USA

**Product Description:** Solid Containing Flammable Liquid n.o.s. (Isopropanol)

### SECTION 16: OTHER INFORMATION

**Issue Date:** 03-26-14

**Revision Date:** 06-05-18

#### **Disclaimer:**

The information provided in this SDS is correct and is to the best of our knowledge, 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.