

# 2601  
# 0460  
# 2606

Reviewed on 3/25/16

## SAFETY DATA SHEET

### SECTION 1. Product and Company Identification

**PRODUCT NAME:** Alcohol Pads/Swab/wipes

**RECOMMENDED USE:** Topical skin antiseptic

**Product Code:** 2601,2603,2606,0460

**Manufacturer's Name:** Jiangsu Province Jianerkang Medical Dressing Co., Ltd

**Manufacturer's Address:** Zhixi Town Jintan City Jiangsu province China 213251

**Emergency or Information Phone No.:** 0086-519-82446500 At other times, contact the local Poison Control Center

### SECTION 2. Hazards Identification

Physical hazards	Flammable solids	Category 1
Health hazards	Serious eye damage/eye irritation	Category 2A
Environmental hazards	Not determined.	
OSHA defined hazards	None additional.	

Label elements



Signal word

Hazard statement

Danger

Flammable solid

Causes serious eye irritation

Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces – No smoking. Use only in a well-ventilated area.

Response

If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. In case of fire: use appropriate media to extinguish.

Storage

Store in a well-ventilated place.

Disposal

Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise  
Classified (HNOC)

None known.

## Supplemental information

### Main Hazards:

Highly flammable; irritation to eyes; vapor may cause drowsiness and dizziness

### Absorption:

Eye contact; ingestion; inhalation; skin contact

### Carcinogenic Status:

Not considered carcinogenic by NTP, IARC, and OSHA

### Target Organs:

Central nerves system; skin; eye; liver; respiratory system

### Health Effects:

#### Eyes

Liquid, mist or vapor will cause conjunctival irritation and possible corneal damage.

#### Skin

Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis. Liquid may be absorbed through the skin but not in toxicologically significant amounts, unless the contact area is large and under prolonged exposure.

#### Ingestion

Swallowing a small amount may have the effect of any of these symptoms: irritation of mouth, throat, digestive tract, and central nerves system depression.

A large dose may have the effect of any of these symptoms: dizziness, drowsiness, headache, mental confusion, nerve damage leading to numbness

and muscle weakness, fall of blood pressure, liver damage, lung damage.

#### **Inhalation**

Exposure to vapor may have the effect of any of these symptoms: irritation of nose, throat and respiratory tract, central nerve system depression.

Exposure to vapor at high concentration may have the effects of any of these symptoms: dizziness, drowsiness, headache, mental confusion, lung damage, fall of blood pressure, liver damage, nerve damage leading to numbness and muscle weakness.

### **SECTION 3. Composition/information on Ingredients**

Hazardous Ingredients (specific)	% Composition	CAS Number
Isopropyl Alcohol (2-Propanol)	70%	67-63-0
Inactive Ingredient		
Water	30%	7732-18-5

### **SECTION 4. First-aid measures**

#### **Eyes:**

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

#### **Skin:**

Immediately flood the affected skin area with large quantity of water, preferably under a shower. Remove contaminated clothing and continue washing. Contaminated clothing should be washed thoroughly before re-use. Obtain medical attention if blistering of the skin occurs or redness persists.

#### **Ingestion:**

Do not induce vomiting. Have victim drink several large glasses of water to dilute the stomach contents. Give the victim oxygen if he/she has difficulty in

breathing. Obtain medical attention immediately.

**Inhalation:**

Remove the victim from exposure immediately. Give the victim oxygen if he/she has difficulty in breathing. Obtain medical attention immediately.

**MEDICAL PERSONNEL:**

Monitor the victim for systemic secondary effects on liver and kidney functions. Support and treat as appropriate.

## **SECTION 5. Fire-fighting measures**

Flash Point – 20°C/68°F

Boiling Point – 80°C/176°F

Extinguishing Media – Dry Chemical or Alcohol Type Foam, Carbon Dioxide

Be aware of the possibility of re-ignition. Keep containers and surroundings cool with water spray.

**Unusual Fire and Explosion Hazards –**

Class 3 Flammability. Vapor can travel a considerable distance to a source of ignition and flashback. Flashback can occur if air temperature exceeds flash point. Be aware the possibility of re-ignition.

**Special Fire Fighting Procedures –**

Handle as Flammable Liquid. Use Respiratory Protection. Wear full protective clothing for Fire Fighting Personnel.

## **SECTION 6. Accidental release measures**

Flush spills with water.

Contain and absorb using soil, sand, or other inert material.  
Vapor can accumulate in low areas. Consider the need for evacuation.  
Prevent the material from entering drains or water courses.

## **SECTION 7. Handling and storage**

Eliminate all sources of ignition. Store away from heat.  
Store in well ventilated area.  
Handle as flammable liquid. Follow local, state and federal regulations.  
Avoid inhaling vapor. Avoid contact with eyes, skin and clothing.  
Wear eye protection if splashing is expected.  
Wear appropriate protective clothing.  
Use respirator if exposure level is high when handling bulk liquid.  
Keep container tightly closed when not in use.

## **SECTION 8. Exposure controls/personal protection**

OSHA Occupation Exposure Standards PEL 400ppm (980mg/m<sup>3</sup>) 8h TWA  
UK EH40: OES 400ppm (980mg/m<sup>3</sup>) 8h TWA  
UK EH40: OES 500ppm (1225mg/m<sup>3</sup>) 15min TWA  
ACGIH: TLV 200ppm (980mg/m<sup>3</sup>) 8h TWA  
ACGIH: STEL 400ppm (1225mg/m<sup>3</sup>) 15min TWA  
Personal Protective Equipment  
Gloves  
Eye  
Clothing

## **SECTION 9. Physical and chemical properties**

Appearance – Liquid Saturated Towelette / Pad / Swab

Color – Clear  
Odor – Alcohol  
Vapor Density – 2.1 (Air = 1)  
Viscosity (cSt) – 2.9 cps at <@2> °C

Evaporation Rate – Environmental Dependent  
Water Solubility – Complete  
Specific Gravity – 0.8405

## **SECTION 10. Stability and reactivity**

Stability –	Stable under normal conditions
Conditions to Avoid –	None
Incompatibility –	None
Hazardous Decomposition or By-product –	Oxides of carbon
Polymerization –	Will Not Occur.

## **SECTION 11. Toxicological information**

### **Acute Toxicity**

Low level of acute toxicity predicted.  
May be harmful by skin absorption.  
Oral LD50 (rat) 5045mg/kg.  
Dermal LD50 (rabbit) 12800mg/kg.  
Inhalation LCLO (rat) 1600ppm 4h.

### **Chronic Toxicity / Carcinogenicity**

Material not expected to cause long-term adverse health effects.  
Material not classifiable as to its carcinogenicity to humans (Group 3).  
Chronic / Sub-chronic studies resulted in adverse effects to:

Liver, spleen, biochemical effects, brain tissue degeneration, changes in reflex behavior, sensory nerve damage.

#### Genealogy Toxicity

Material is not expected to cause any mutagenic effects.

#### Reproductive / Developmental Toxicity

Material is not expected to cause reproductive or developmental health effects.

Experimental studies in animals have provided some evidence of embryo / fetus toxicity and birth defects only at doses producing marked maternal toxicity.

## **SECTION 12. Ecological information**

#### Mobility

If released to soil, IPA is expected to have very high mobility

#### Persistence / Degradability

IPA is readily degraded in aerobic aqueous systems

#### Bio-accumulation

Low potential for bio-concentration in aquatic organisms

## **SECTION 13. Disposal considerations**

Transfer into suitable containers for recovery or disposal.

Dispose in accordance with all applicable local and national regulations.

Do not remove labels from container until the container has been cleaned.

Do not cut, puncture or weld on or near the container.

Do not incinerate closed containers.

Empty containers may contain hazardous residues



## **SECTION 14. Transport information**

### **US DOT Information:**

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN/NA #:** Not regulated per 49 CFR, Special Provision 47 (for rail and road transport in the USA)

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional Information:** No additional information available

### **IATA Information:**

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN#:** Not regulated, as per IATA, Special Provision A46

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** Consult current IATA regulations prior to shipping by air

### **IMDG Information:**

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN#:** Not regulated, as per IMDG Code, Special Provision 216

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** No additional information available

**TDG Information:****Shipping Name:** Not applicable**Hazard Class:** Not applicable**UN#:** Not regulated**Packing Group:** Not applicable**Required Label(s):** Not applicable**Additional information:** No additional information available**SECTION 15. Regulatory information**

This product is compliant with the following:

EU Label: Classification and labeling have been performed according to  
EU Directive 67/548/EEC and 99/45/EC including amendments

EU Hazard Symbol and Indication of Danger

F – Highly flammable

Xi – Irritant

R11 – Highly flammable

R36 – Irritating to eyes

R67 – Vapors may cause drowsiness and dizziness

S2 – Keep out of reach of children

S7 – Keep container tightly closed

S16 – Keep away from sources of ignition – No smoking

S24 / S25 – Avoid contact with skin and eyes

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

US (Federal and State) Regulations and International Chemical Registration Laws TSCA listing

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic  
Substance Control Act Chemical Inventory

This product does not contain any chemicals subject to EPA Title III of the SARA Listing in Sections 302 and 304

All ingredients in this product are listed on the European Inventory of Existing Commercial Chemical Substance (EINECS Listing) or are exempted from listing

All ingredients in this product are listed on the Canada Domestic Substance List (DSL Listing)

## **SECTION 16. Other information**

### **Disclaimer:**

This Safety Data Sheet, which takes into consideration the requirements of Directive 76/768/EC and subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.