



# BIOSPA (QUANN) COSMECEUTICALS INC.

## MATERIAL SAFETY DATA SHEET

### Alcohol Pads

#### SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name: Alcohol Pads  
Product Form: Liquid  
Classification: Class 3 Flammable Liquid – UN#: 1170

Company: BioSpa (Quann) Cosmeceuticals Inc.  
337 Central Street  
Summerside, Prince Edward Island  
Canada, C1N 3N2

Telephone: 1-902-888-2188 (Mon-Fri, 9:00am-5:00pm AST)  
Emergency Telephone: 1-902-314-4994 (24 HR)  
Email inquiries: info@quannessence.ca

#### SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

This product contains cotton pads and 100% ethyl alcohol (anhydrous). The manufacturer does not anticipate any harmful effects from this product if handled in accordance with good industrial hygiene and safety practices.

Component	CAS-No	Weight %
Ethyl alcohol	64-17-5	99-100

#### SECTION 3 — HAZARDS IDENTIFICATION

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Flammable liquids** Category 2  
**Serious Eye Damage/  
Eye Irritation** Category 2

#### SECTION 4 — FIRST AID MEASURES

**Eye Contact:** Immediately flush with water for 20 minutes holding the eye lids open.  
Immediately seek medical attention.

**Inhalation:** Remove victim to fresh air. Artificial respiration should be given if breathing is stopped and cardiopulmonary resuscitation if heart has stopped. Oxygen may be given if necessary. Seek medical attention immediately.

**Ingestions:** DO NOT INDUCE VOMITING. Never give anything by mouth if victim is losing conscious. Have victim drink plenty of water and seek medical attention.

**Skin Contact:** Flush contaminated area with water for at least 20 minutes. Remove contaminated clothing under running water. Seek medical attention immediately,

## SECTION 5 — FIRE FIGHTING MEASURES

**Flammable Limits:** Flammable due to high concentration of 100% ethyl alcohol (anhydrous)  
**Extinguishing Media:** Apply alcohol-type or all-purpose foam for large fires or carbon dioxide for smaller fires. Water is generally unsuitable as it may spread fire.  
**Unusual Firefighting Hazards:** Vapours form from this product and may travel by air currents and ignited by open flames, heaters, electrical equipment or other ignition sources at locations distant to from the handling point.  
**Protective Equipment:** Use self contained breathing apparatus and protective clothing

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges  
**Environmental Precautions:** Should not be released into the environment. Do not flush into surface water or sanitary sewer system.  
**Methods for Cleaning Up:** Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

## SECTION 7 — HANDLING AND STORAGE

**Handling:** Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Avoid ingestion and inhalation. Keep away from open flames, hot surfaces and sources of ignition. Use only non-sparking tools. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Take precautionary measures against static discharges.  
**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Flammables area. Keep away from heat and sources of ignition.

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

**Eyes Protection:** Use safety goggles with side shields  
**Respiratory Protection:** Normally not required  
**Protective Gloves:** Yes  
**Protective Clothing:** Yes  
**Protective Equipment:** None

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colourless liquid with typical lower alcohol odour  
**Odour:** Odour threshold is in the range of 0.1 to 5100 ppm  
**Boiling Point, °C:** 78.3  
**Freezing Point °C:** -114.1  
**Density, kg/L @ 20 °C:** 0.7883  
**pH:** Not Applicable  
**Distillation Range °C** 78.0-79.0

<b>Miscibility in Water</b>	Complete
<b>% Volatiles by Volume</b>	100
<b>Evaporation Rate</b>	1.7 (Butyl acetate = 1)

## SECTION 10 — STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Sources of ignition
<b>Flammability:</b>	Flammable due to concentration of alcohol
<b>Hazardous Polymerization:</b>	Will not occur
<b>Hazardous Combustion:</b>	Burning can produce carbon monoxide and/or carbon dioxide and/or formaldehyde

## SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	LD50 – 3450mg/kg (mouse) LD50 Dermal – Not Listed LC50 Inhalation – 20000 ppm/10H (rat)
<b>Serious eye damage/irritation:</b>	Irritation to eyes
<b>Respiratory or skin sensation:</b>	Not Classified (No data available)
<b>Mutagenicity:</b>	No information available
<b>Carcinogenicity:</b>	Group 1 (IRAC)
<b>Reproductive toxicity:</b>	No information available
<b>Specific organ toxicity:</b>	No information available
<b>Aspiration hazard:</b>	No information available
<b>Potential adverse human health effects and symptoms:</b>	The toxicological properties and its effects pertaining to human health have not been thoroughly characterised.

## SECTION 12 – ECOLOGICAL INFORMATION

Do not empty into drains

<b>Persistence and:</b>	Persistence is unlikely based on information available
<b>Degradability</b>	
<b>Bioaccumulation/</b>	No information available
<b>Accumulation:</b>	
<b>Mobility:</b>	Will likely be mobile in the environment due to its volatility

## SECTION 13 – DISPOSAL CONSIDERATION

Disposed in accordance with Provincial and Federal regulations. Check with disposal expert to insure compliance.

## SECTION 14 – TRANSPORT INFORMATION

<b>Road (US DOT):</b>	Class 3 Flammable Liquid (UN1170)
<b>Air (IATA):</b>	Class 3 Flammable Liquid (UN1170)
<b>Sea (IMDG):</b>	Class 3 Flammable Liquid (UN1170)

## SECTION 15 – REGULATORY INFORMATION

Regulated as a cosmetic under FDA (US), HPB (Canada), Cosmetic Directive (EU), MHW (Japan) and MOH (China). While the finished product is not considered hazardous as defined in 29 CFR 1910.1200, this MSDS contains valuable information crucial to the safe handling and proper use of the product.

## **SECTION 16 – OTHER INFORMATION**

**Revision Date:** July 16, 2018

## **SECTION 17 – DISCLAIMER**

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