

MATERIAL SAFETY DATA SHEET

QAlcohol Pads

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name: QAlcohol 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, 8:00am-4:00pm AST)
Emergency Telephone: 1-902-439-0355 (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 consciousness. 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

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

SECTION 10 — STABILITY AND REACTIVITY

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

SECTION 11 – TOXICOLOGICAL INFORMATION

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

SECTION 12 – ECOLOGICAL INFORMATION

Do not empty into drains

Persistence and Degradability	Persistence is unlikely based on information available
Bioaccumulation/ Accumulation:	No information available
Mobility:	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

Road (US DOT):	Class 3 Flammable Liquid (UN1170)
Air (IATA):	Class 3 Flammable Liquid (UN1170)
Sea (IMDG):	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

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SECTION 17 – DISCLAIMER

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