SAFETY DATA SHEET

BRIEMAR SKIN CLEANSING ALCOHOL SWABS – 70% IPA - STERILE

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product

Product Name:	Briemar Skin Cleansing Alcohol Swabs with 70% IPA - Sterile
Other Names:	-
Product Code:	5730/200
Recommended use:	Sterile (Gamma Irradiated) Skin Cleansing / Cleaning Swab

Supplier

Company:	BRIEMAR NOMINEES PTY. LTD.
Address:	100 Moody Street, Koo Wee Rup, Victoria, Australia, 3981 All correspondence to: P.O. Box 38, Koo Wee Rup, Victoria, 3981
Tel/Fax:	Phone: (03) 5997 1205 Fax: (03) 5997 1716
Emergency Tel. No:	0418 385 847
Website:	www.briemar.com.au

SECTION 2 – HAZARDS IDENTIFICATION

NOTE: Product (packaging) has been labelled as per therapeutic product labelling requirements (as it is *intended for intake or administration to or by a patient or consumer, or for therapeutic purposes*)

Swab is classified as a NON-DANGEROUS GOOD according to the criteria of Australian Code for the Transport of Dangerous Goods by Road & Rail.

Once opened, swab will release a small amount (~1-2g) of FLAMMABLE liquid when squeezed.
As such, relevant parts of this SDS relates only to the (fluid) **contents** of this product.
Only the FLUID content is hazardous according to criteria of Safe Work Australia.

Signal word	Danger
Hazard Classification:	**This small amount (~1-2g) fluid is classified as:** Flammable Liquid – Category 2 Serious Eye Damage / Irritation – Category 2A Specific Target Organ Toxicity (Single Exposure) – Category 3
Hazard Statements:	H225; Highly flammable liquid and vapour H319; Causes serious eye irritation H336; May cause drowsiness or dizziness

Precautionary Statement(s):

Prevention:
P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating, lighting and all other equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing mist, vapours or spray.
P264 Wash hands, face and all exposed skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator

Response:
P101 If medical advice is needed, have product container or label at hand.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use alcohol resistant foam or dry agent for extinction.

Storage:
P405 Store locked up
P403+235 Store in a well ventilated place. Keep cool

Disposal:
P501 Dispose of contents/container in accordance with local, regional, national and international regulations

Poisons Schedule (Aust): Not applicable

SECTION 3 – COMPOSITION / INFORMATION ON CHEMICAL INGREDIENTS

Each sachet contains a white, viscose, non-woven wipe material, saturated in the following:

Chemical Identity	Common names	CAS number	Proportion	Classification
Isopropyl Alcohol	IPA	67-63-0	70%	Highly flam liquid & vapour, 2 ; H225 Serious eye irritation, 2A; H319 STOT, 3; H336
Water	WFI	n/a	30%	-

SECTION 4 – FIRST AID MEASURES (~1-2g 70% IPA fluid per swab)

Swallowed:	Rinse mouth with water. Give plenty of water to drink. Seek medical advice.
Eye:	Immediately flush the contaminated eye(s) with copious amounts of water for 15 minutes; seek medical advice.
Skin:	Wash thoroughly with soap and water. If irritation occurs, seek medical advice.
Inhalation:	Move individual to fresh air. Seek medical attention if effects persist.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Equipment:	Fire fighters are to wear breathing apparatus if there is a risk of exposure to vapour or products of combustion. Use alcohol resistant foam, water fog (or water spray), dry powder or carbon dioxide as the extinguishing media.
Specific Hazards:	Fluid is classified as a flammable liquid for the purposes of storage and handling in accordance with AS 1940.
Special protective equipment and precautions for fire fighters:	Fire fighters should wear an approved self-contained breathing apparatus and full protective clothing. Do not release run off to sewers or waterways.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	**NOTE:** Only applicable if sachets are <u>opened</u>. For industrial spills of the liquid, ensure full personal protection is worn (see Section 8). Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated. Do NOT smoke. Keep unauthorised personnel from the spillage area
Environmental precautions:	Prevent leakage of product into water courses or drainage system by diking with sand or other absorbent material (ie. cloth) for small spills. Contact authorities, water company, and waste water treatment plant as appropriate if significant contamination occurs.
Methods and material for containment and cleaning up:	Place opened sachets in a sealed container. Dispose of sachets by referring to State Land Waste Management Authority. Normally suitable for disposal at approved land waste sites.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling:	For industrial use of the liquid, avoid contact with skin and eyes. Remove sources of ignition. Good general ventilation is recommended. External Use Only – skin cleansing swab. Single Use.
Conditions for safe storage:	Store in a cool, dry, well - ventilated place, away from direct sunlight. Store below 30°C This **(~1-2g)** **fluid** is classified as a Dangerous Good Class 3 Flammable Liquid as per the criteria of the Australian Dangerous Goods Code.

SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION (100% IPA)

National Occupational Exposure Limits:	No value assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standards for Isopropyl Alcohol: - Time Weighted Average (TWA) 400 ppm (983 mg/m^3) - Short term exposure limits (STEL) 500 ppm (1230 mg/m^3) TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity. If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.
Biological monitoring:	As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.
Engineering Controls:	Natural Ventilation. Keep away from ignition sources.
Personal Protection:	Avoid prolonged skin contact & breathing in vapours in enclosed spaces. Avoid eye contact.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Non woven pad, impregnated with Isopropyl Alcohol, sealed in aluminium foil sachet. Sterile by Gamma Irradiation.
Odour:	Alcohol odour (detectable at 40-200ppm)
pH:	(Not available)
Relative Density (H_2O = 1):	0.785
<u>100% Isopropyl Alcohol:-</u>	
Freezing point:	-89.5°C
Boiling point/range:	82.4°C
Vapour Pressure:	4.4 kPa @ 20°C
Vapour Density:	2.1 (air = 1)
Solubility in water:	Complete
Flammable Materials-	
Flash Point (°C):	12
Flash Point Method:	Tag closed cup
Flammable (Explosive) Limit - Upper:	12%
Flammable (Explosive) Limit - Lower:	2%
Autoignition Temperature (°C):	399
Additional Properties-	
Evaporation Rate:	2.3 (n-Butyl Acetate = 1)
Molecular Weight:	60.09
Volatile Organic Compounds Content (VOC): (as specified by the Green Building Council of Australia)	100%
% Volatiles:	100%

SECTION 10 – STABILITY AND REACTIVITY

<u>100% Isopropyl Alcohol</u>	
Reactivity:	No reactivity hazards are known for the material.
Chemical Stability:	Stable when stored and used as directed.
Hazardous Reactions:	No known reactions.
Conditions to avoid:	Heat, sparks, flame and build-up of static electricity.
Incompatible materials:	Oxidizing agents
Hazardous decomposition products:	Burning can produce carbon monoxide and or carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise (due to the presence of Isopropyl Alcohol) if the product is mishandled are listed as follows:

100% Isopropyl Alcohol

Acute Effects

Inhalation:	Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.
Skin contact:	Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
Ingestion:	Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is uncoordinated there is greater likelihood of vomit entering the lungs and causing subsequent complications. Aspiration pneumonia (inflammation of the lung) may result.
Eye contact:	An eye irritant.

Acute toxicity

Inhalation:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L
Skin contact:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg
Ingestion:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg
Corrosion/Irritancy:	Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as not corrosive or irritating to skin.
Sensitisation:	Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.
Aspiration hazard:	This material has been classified as non-hazardous.
Specific target organ toxicity (single exposure):	This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in depression of the central nervous system.

Chronic Toxicity

Mutagenicity:	This material has been classified as non-hazardous.
Carcinogenicity:	This material has been classified as non-hazardous.
Reproductive toxicity (including via lactation):	This material has been classified as non-hazardous.
Specific target organ toxicity (repeat exposure):	This material has been classified as non-hazardous.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Persistence & Degradability:	No data available.
Bioaccumulative potential:	No environmental issues expected due to the small quantity of flammable solvent contained in each swab.
Mobility in soil:	No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Method of Disposal:	Dispose of in accordance with local waste regulations.

SECTION 14 – TRANSPORT INFORMATION

Classification:	The packaged swabs are NOT defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail. No special precautions required.
UN Number:	Not applicable.
Class risks:	Not applicable.
Packing Group:	Not applicable.
Special Precautions for user:	Not applicable.
Hazchem Code:	Not applicable.

SECTION 15 – REGULATORY INFORMATION

Poison Schedule:	The packaged swabs are NOT a scheduled poison.

SECTION 16 – OTHER INFORMATION

Date of Issue:	23/04/2020
Date for Review:	23/04/2025

This document has been prepared as per the specifications set out by the National Standards and Guidelines from Safe Work Australia (SWA – formerly ASCC/NOHSC).

This Material Safety Data Sheet summaries our best knowledge of the Health and Safety Hazard information of the product and how to safely handle and use the product; however, the information is provided without any warranty, express or implied, regarding its correctness. This Safety Data Sheet was prepared and is to be used only for this product. Since methods and conditions of application are beyond our control, Briemar Nominees Pty. Ltd. does not accept liability for any damages resulting from the use of, or reliance on this information in inappropriate contexts.
The Supplier will issue a new SDS when there is a change in product specifications and/or Standards, Codes, Guidelines, or Regulations

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