SAFETY DATA SHEET

BRIEMAR SKIN CLEANSING ALCOHOL SWABS – 70% IPA + 2% CHLORHEXIDINE

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product

Product Name:	Briemar Skin Cleansing Alcohol Swabs with 70% IPA + 2% Chlorhexidine digluconate
Other Names:	-
Product Code:	5862/200
Recommended use:	Swabs/wipes for skin cleansing/cleaning. For external use only.

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:	0431891024
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*)
The Model Work, Health and Safety Regulations, Part 7.1, sub-regulation 335(5) exempts this therapeutic good (within the meaning of the Therapeutic Goods Act 1989) from GHS labelling requirements.

Swab is classified as a NON-DANGEROUS GOOD according to the criteria of Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG); as well as Air Transport IATA and Maritime IMDG.

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 once the sachet is opened.
The FLUID is hazardous according to criteria of Safe Work Australia

2.1 Hazards Identification for ~1-2g of 70% IPA + 2% CHG fluid:

Signal words Danger / Warning

Hazard Classification: **This small amount (~1-2g) fluid is classified as:**
Flammable Liquid – Category 2
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
H318; Causes serious eye damage
H334; May cause allergy or asthma symptoms or breathing difficulties if inhaled
H317; May cause an allergic skin reaction

Precautionary Statement(s):

Prevention:
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P261 Avoid breathing mist/vapours/spray.
P264 Wash hands thoroughly after handling
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear eye protection/face protection
P284 [In case of inadequate ventilation] wear respiratory protection.

Response:
P101 If medical advice is needed, have product container or label at hand.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention
P304+P340 IF INHALED: Remove person to fresh air and keep 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.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTRE/doctor
P370+P378 In case of fire: Use alcohol resistant foam or dry agent to extinguish.

P310 Immediately call a POISON CENTRE/doctor
P312 Call a POISON CENTRE/doctor if you feel unwell.
P362 + P364 Take off contaminated clothing and wash it before reuse.

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

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

Poisons Schedule (Aust): see Section 15

SECTION 3 – COMPOSITION & INFORMATION ON CHEMICAL INGREDIENTS

Each sachet contains a white, viscose, non-woven swab 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	28%	-
Chlorhexidine Digluconate	-	18472-51-0	2%	Serious eye damage, 1 ; H318 Inhalation / allergy, 1 ; H334 Skin allergy, 1 ; H317

SECTION 4 – FIRST AID MEASURES (IN SWAB, *noting* ~1-2g fluid per swab)

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Eye: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital

Skin: Wash thoroughly with soap and water if irritated.

Inhalation: If required, remove to fresh air, keep patient warm and at rest. Seek medical attention if effects persist.

General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

SECTION 5 – FIRE FIGHTING MEASURES – BULK IPA

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: Flammable liquid. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this chemical is

	being used.
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 – BULK IPA

Personal precautions, protective equipment and emergency procedures:	**NOTE:** Only applicable if sachets are opened. 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 – BULK IPA

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 material 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 – BULK IPA

National Occupational Exposure Limits:	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 – BULK IPA

Appearance: Non woven pad, impregnated with 70% IPA + 2% Chlorhexidine Digluconate, sealed in aluminium foil sachet.

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:	Soluble in water
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):	100% (as specified by the Green Building Council of Australia)
% Volatiles:	100%

SECTION 10 – STABILITY AND REACTIVITY – BULK IPA

100% Isopropyl Alcohol

Reactivity:	No reactivity hazards are known for the material.
Chemical Stability:	Thermally stable when stored and used as directed.
Hazardous Reactions:	No known hazardous reactions.
Conditions to avoid:	Elevated temperatures and sources of ignition.
Incompatible materials:	Oxidizing agents
Hazardous decomposition products:	Oxides of carbon and nitrogen, smoke and other toxic fumes.

SECTION 11 – TOXICOLOGICAL INFORMATION – BULK IPA

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:

BULK 100% Isopropyl Alcohol

Acute Effects

Inhalation:	Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. 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:	Brief exposure is not irritating but prolonged contact can be irritating.
Ingestion:	Headache, dizziness, nausea. Swallowing a minor amount may cause throat irritation and vomiting
Eye contact:	Vapour irritates the eyes at concentrations above 400ppm. Direct eye contact may cause eye irritation, pain and redness.

Acute toxicity

Inhalation:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 > 20.0 mg/L for vapours or LC50 > 5.0 mg/L for dust and mist or LC50 > 20,000 ppm for gas
Skin contact:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw
Ingestion:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw
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.
Reproductive toxicity (including via lactation):	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.
Specific target organ toxicity (repeat exposure):	This material has been classified as non-hazardous.
Chronic Toxicity	
Mutagenicity:	This material has been classified as non-hazardous.
Carcinogenicity:	This material has been classified as non-hazardous.

SECTION 12 – ECOLOGICAL INFORMATION – BULK IPA

Ecotoxicity:	No data available. (for 100% Chlorhexidine digluconate:- Acutely toxic towards fish, acutely very toxic to daphnia magna and algae. Acute toxicity (Fish) 2,08 mg/L (as pure chlorhexidine digluconate) Acute toxicity (Daphnia magna) 0,087 mg/l (as pure chlorhexidine digluconate) Acute toxicity (Algae) 0,081 mg/l (as pure chlorhexidine digluconate))
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. (for 100% Chlorhexidine digluconate:- Mobility in soil: logKoc: > 3.9 (chlorhexidine digluconate) mg/kg Soluble in water.)

SECTION 13 – DISPOSAL CONSIDERATIONS (SWABS)

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

SECTION 14 – TRANSPORT INFORMATION (SWABS)

Road / Rail Transport – Australian Dangerous Goods Code (ADG)
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.

Air Transport – International Air Transport Association (IATA)

UN Number:	3175
Proper Shipping Name:	Solids containing flammable liquid, N.O.S., (Isopropanol)
Class:	4.1
Packing Group:	II

*** NOTE:** Not subject to these regulations as per Special Provision A46

Sea Transport – International Maritime Dangerous Goods Code (IMDG)

UN Number:	3175
Proper Shipping Name:	Solids containing flammable liquid, N.O.S., (Isopropanol)
Class:	4.1
Packing Group:	II

*** NOTE:** Not subject to these regulations as per Special Provision 216

SECTION 15 – REGULATORY INFORMATION

Poison Schedule: The ~1-2g of wetting solution is classified as a Scheduled 5 Poison (Caution) according to the Standard for the Uniform Scheduling of Medicines and Poisons. (SUSMP).

SECTION 16 – OTHER INFORMATION

Date of Issue: 13/05/2026
Date for Review: 13/05/2031

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