

Non-Hazardous Substance, Non-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **Wound Wipes (Cleansing Towelettes)**

Recommended use: application to wounds, as directed

Supplier: Brady Australia Pty Ltd.

ABN: 28 000 788 447

Street Address: 2 Bellevue Circuit
Greystanes NSW 2145

Telephone: 1800 113 896

Emergency Telephone number: 1300 362 327

2. HAZARDS IDENTIFICATION

This product, including the fabric and liquid components, is non-hazardous according to the criteria of Safe Work Australia and the Globally Harmonized System of Classification and Labelling of Chemicals (the GHS, 7th Revised Edition).

Note: this product consists of polypropylene fabric wipes soaked with an aqueous liquid antiseptic solution. This safety data sheet applies to the antiseptic solution component of the product but includes some necessary references to the fabric component.

Signal Word

None

Hazard Classifications

Hazardous to the aquatic environment - short-term (acute) hazard – Category 2

Hazard Statements

H401 Toxic to Aquatic Life

Precautionary Statements

P273 Avoid release to the environment

P501 Dispose of contents in accordance with local regulations

Poison Schedule: Not Applicable

DANGEROUS GOOD CLASSIFICATION: Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

3. COMPOSITION INFORMATION

The information below describes the composition of liquid component of the product.

CHEMICAL ENTITY	CAS No.	PROPORTION (% w/w)
Benzalkonium Chloride	8001-54-5	< 10%.
Water	7732-18-5	Balance to 100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: The product is not an inhalation hazard and it's not foreseeable that inhalation of either vapour, mist or droplets would occur unless the material is heated to temperatures above 100°C.

Skin Contact: This product is not classified as a skin irritant or skin sensitiser. Long-term skin contact may cause irritation. It should be applied to the wound only as instructed. If possible, apply product only to the wound that's to be treated. Wash excess product (i.e. product that's not applied to the wound itself) off skin and hair with a damp cloth. If irritation develops, seek medical advice.

Eye contact: This product is not classified as an eye irritant, but extended contact with the eyes may lead to some irritation. If the liquid portion of the product contacts the eyes, as a precaution flush the eyes thoroughly with running water to ensure traces of the product are removed. Obtain medical attention if eye irritation develops.

Ingestion: This product is not classified as harmful by ingestion. However, excessive ingestion may cause nausea and vomiting. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Get medical attention if gastrointestinal symptoms develop.

PPE for First Aiders: No specific PPE is recommended for handling this product.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: The liquid portion of this product is more than 90% water and is not combustible. The fabric portion may undergo combustion under conditions of intense combustion. If material is involved in a fire use water, foam or dry agent (carbon dioxide, dry chemical powder) or determine suitable fire-fighting based on surrounding materials that may also be undergoing combustion.

Specific hazards: Under conditions of intense combustion components of the product may decompose to emit oxides of carbon, as well as oxides of nitrogen (but at far lower concentrations). However, surrounding materials that may be undergoing combustion are likely to emit higher quantities of toxic substances depending on their make-up.

Fire fighting further advice: On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if there exists a risk of exposure to products of combustion or decomposition.

Fire-fighting water should be prevented from entering waterways.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Loss of containment of this product is not likely to release significant quantities of liquid. Collect up the wipes using disposable gloves and place in a suitable container for disposal.

LARGE SPILLS

A major loss of containment of this product is not likely to release significant quantities of liquid. Try to prevent the product from entering waterways, as the product contains traces of environmentally hazardous chemicals that may exhibit persistent toxicity in natural aquatic environments. Using gloves that are impermeable to water, collect and seal in properly labelled containers or drums for disposal.

Dangerous Goods - Initial Emergency Response Guide Number: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid eye contact and skin contact.

Storage: Keep containers closed when not in use. No significant storage incompatibilities are known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

The product, including the fabric component of the product, includes no substances for which an exposure limit value applies. It's further noted that within Europe and North America there also appears to be an absence of exposure standards for quaternary ammonium chlorides.

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 standards were created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: 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 Measures: No specific engineering measures are required.

Personal Protection Equipment:

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

When handling individual packages of the product no personal protection equipment is required.

If repeated handling of the product may result in exposure by skin contact or eye contact, then gloves and safety glasses are recommended. Nitrile is known to be a suitable material for glove construction and gloves of a thickness of 0.11 mm are recommended for this purpose.

Hygiene measures: Keep away from food, drink and animal feedstuffs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: White non-woven fabric impregnated with a colourless liquid.
Colour: White
Odour: Slight odour, not unpleasant

Relative Vapour Density (air=1):	Not available
Vapour Pressure (liquid component, 20 °C):	Not available
Flash Point (°C):	Not applicable
Flammability Limits (%):	Not applicable
Autoignition Temperature (°C):	Not applicable
Melting Point/Range (fabric component, °C):	115°C or higher
Boiling Point/Range (°C):	Not available
pH (liquid component):	Not available
Viscosity (liquid component):	Close to the viscosity of water
Total VOC (g/Litre):	Not available
Solubility (liquid component):	Fully miscible with water
Density (liquid component):	1.0 kg/L
Density (fabric component):	0.91 to 0.94 kg/L

(Typical values only)

10. STABILITY AND REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Elevated temperatures.

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Incompatible materials: Strong oxidising agents.

Hazardous decomposition products: In conditions of intense combustion, oxides of carbon and nitrogen may be emitted.

Hazardous reactions: None known.

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 or effects that may arise if the product is mishandled and if overexposure occurs are:

Acute Effects

Inhalation: The active ingredient in its most concentrated form is an inhalation hazard if generated as a mist. However, as a dilute solution in water (as for this material), it does not represent a danger to health. Situations involving generation of a mist of the aqueous component of this product are not foreseeable.

Skin contact: Not a skin irritant.

Ingestion: Ingestion should be avoided; ingestion of excessive quantities of product may result in nausea and vomiting.

Eye contact: Not an eye irritant, but prolonged and repeated eye contact may lead to eye irritation.

Acute toxicity

Inhalation: This material does not meet the classification criteria for acute toxicity (inhalation). Acute toxicity estimate (based on ingredients): LC50 > 20.0 mg/L for vapours or LC50 > 20.0 mg/L for mist.

Dermal: This material does not meet the classification criteria for acute toxicity (dermal). Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw

Ingestion: This material does not meet the classification criteria for acute toxicity (oral). Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw

Corrosion/Irritancy: This material does not meet the criteria for classification as an eye irritant or as a skin irritant.

Sensitisation: Inhalation: this material does not meet the criteria for classification as a respiratory sensitiser. Skin: this material does not meet the criteria for classification as skin sensitiser.

Aspiration hazard: This material does not meet the classification criteria for aspiration toxicity.

Specific target organ toxicity (single exposure): This material does not meet any of the classification criteria for specific target organ toxicity (single exposure).

Chronic Toxicity

Mutagenicity: This material does not meet the classification criteria for germ cell mutagenicity.

Carcinogenicity: This material does not meet the classification criteria for carcinogenicity.

Reproductive toxicity (including via lactation): This material does not meet the classification criteria for reproductive toxicity or effects on lactation.

Specific target organ toxicity (repeat exposure): This material does not meet any of the classification criteria for specific target organ toxicity (repeat exposure).

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: The liquid component of this material has been classified as being acutely toxic to the environment.

Toxicity to fish: LC50 (96 hours) in range 80 mg/L (OECD Test Guideline 203)

Toxicity to crustaceans: LC50 (water flea, 48 hours) 5 mg/L (OECD Test Guideline 202)

Long-term aquatic hazard: This material has been classified as not being chronically toxic to the environment. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available, Acute toxicity estimate (based on ingredients): > 1 mg/L.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Octanol/water partition coefficient (as log P_{ow}): No information available.

Mobility: The liquid component of this product mixes readily with water and would rapidly become diluted within a natural waterway.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations. Disposal options should take into account that the product as a whole consists of non-woven fabric that's impregnated with a very dilute solution of a quaternary ammonium chloride.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)

Basel Convention (Hazardous Waste)

International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (the AIIC).

16. OTHER INFORMATION

Reason for issue: Revision to fully meet Australian legislative requirements.

This Safety Data Sheet has been prepared by CETEC Pty Ltd on behalf of its client. Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.