

Burnaid® Technical Document

For Burnaid® Fragrance Free Hydrogel Dressings

Burnaid® Fragrance Free Gel Spray and Burnaid® Fragrance Free Gel Sachets

**Burnaid® range of Hydrogel Dressings**

- ✓ Cools the burn FAST
- ✓ Provides pain relief to the site
- ✓ Inhibits burn progression
- ✓ Moistens the burnt area
- ✓ Helps protect the wound against abrasion, friction, desiccation, and contamination
  - ✓ Suitable for use on most minor burns and scalding
  - ✓ Physical protection against contamination
  - ✓ Non-adherent and easy to remove
  - ✓ Burnaid dressing is covered in water soluble gel
    - ✓ Elastic and able to stretch and flex
    - ✓ Portable - available in a variety of sizes
      - ✓ Effective after-sun care
      - ✓ Stable gel structure
  - ✓ Readily rinsed off with water for ease of wound assessment
    - ✓ Sterile
    - ✓ Non irritating to skin
  - ✓ Non-occlusive dressing designed to minimise maceration
- ✓ Non-adherent translucent gel to allow visualisation and assessment of the burn
  - ✓ Developed in Australia
  - ✓ Includes Australian proprietary hydrogel
  - ✓ Shows little evidence of causing skin sensitisation
    - ✓ Used by paramedics
    - ✓ Sold in retail outlets all over the world
      - ✓ Doesn't require refrigeration
  - ✓ Clear branding to assist in a first aid situation
    - ✓ Includes universal visual instructions
  - ✓ Providing first aid for burns for over 30 years
    - ✓ Used in underground mining
- ✓ For use in Catering and hospitality, military and defence forces, transport and worksites
- ✓ Robust/heavy duty laminate packaging designed to reduce damage in transport situations

**Burnaid® range of Hydrogel Spray and Hydrogel Sachets**

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## History

The Burnaid® range was developed in Australia in the 1970's, to provide first responders with a quick, simple and effective way to apply first aid for burns in the home and workplace, allow ease of transport to specialist care, and allow ease of specialist removal, assessment and treatment of the burn wound.

## How does Burnaid® work?

The Burnaid® range consists of specially formulated sterile hydrogel consisting of in excess of 90% water. The Burnaid® Dressing is made up of a Polyester urethane 3mm sheet impregnated with hydrogel. Burnaid® is also available in sachets and spray gel, for the immediate first aid treatment of minor burns, scalds and sunburn.

## Fast Pain Relief

Burnaid® Hydrogel offers fast pain relief in a first aid situation by cooling the burn, donating moisture to the burn and providing a sterile barrier against contamination. Burnaid® Hydrogel aids cooling by providing evaporative cooling of the water based gel off the skin. The Burnaid® hydrogel also acts as a heat sink, drawing heat out of the burn. The cooling properties help in stopping burn progression, and the hydrogel is designed to prevent desiccation and therefore assists in the healing process.

## Moisture Donation

The Burnaid® range consists of specially formulated sterile hydrogel consisting of in excess of 90% water.

## Sterile Non Adherent Barrier

Burnaid® dressings provide a sterile physical barrier against contamination and further damage to the burn whilst being transported to medical care. The dressing does not adhere to the wound. Upon reaching medical care, the dressing can be easily removed and the hydrogel rinsed off with water allowing easy assessment and treatment.

## Safety

Burnaid® Hydrogel has been tested for skin irritancy, sensitization and cytotoxicity, and is considered to be non-irritating and non-sensitizing.

## The Burnaid® range of Dressings, Hydrogel Spray and Hydrogel Sachets are Regulatory Approved

TGA: Medical Device Class IIa

CE: Medical Device Class IIa

FDA: Medical Device unclassified

**Mundipharma Pty Limited.** Tel: 1800 188 009. [www.mundicare.com.au](http://www.mundicare.com.au)

Always read the label. Use only as directed. If symptoms persist, see your healthcare professional.

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Burnaid® is for the treatment of minor burns only. Please seek medical advice in the case of more serious burns. AU-3693



## FAQ on Burnaid®

1. *Can Burnaid® dressings be used on deep or full thickness burns?*

Yes they can. Burnaid® dressings can be used on all burns, from sunburn superficial, partial and full thickness burns, even where there are open skin wounds. Burnaid® dressings are sterile and will help protect the wound and keep it moist.

2. *Are there concerns with regard to irritation or allergies?*

The Burnaid® range has been tested for cytotoxicity, sensitization and irritancy. It is considered to be non-toxic and a non-irritant.

3. *Will Burnaid® range cause Hypothermia?*

Any type of cooling modality has the potential to cause hypothermia. Placing the Burnaid® dressing directly over the affected area cools the burn and avoids rapid cooling on other body surface area as does showering or hosing the patient. Care should be taken to avoid hypothermia especially in those patients who are most at risk; infants, elderly and those with large surface area burns. It is recommended that hydrogel dressings are not used on children and the elderly if it covers more than 10% of the Total Body Surface Area (TBSA), and for adults no more than 20% TBSA. Many countries have protocols that require the dressing to be covered with a space blanket or cling film - which can help regulate the cooling affect. Check local protocols in your area.

4. *I have been told I cannot use any creams or lotions on burns and only water?*

That is correct. Creams or lotions may petroleum or waxed based and can trap heat on the wound. They can also cover the wound in a film like substance and make wound assessment for medical practitioners difficult.

5. *How long can you keep Burnaid®?*

Burnaid® dressings, hydrogel spray and sachets are sterile products that have a shelf life of 5 years from date of manufacture if stored correctly in a cool dry place below 30°C.

## SAFETY DATA SHEET

Burnaid® Non Tea Tree Oil Hydrogel Dressings & Gel Sachets

*These products are not Dangerous Goods, Hazardous Substances or Scheduled Poisons*

### COMPANY DETAILS

**Company:** *Mundipharma Pty Limited*  
**Address:** 88 Phillip Street, Sydney NSW 2000, Australia  
**Telephone:** + 61 (0)2 9231 7200  
**Fax:** + 61 (0)2 9223 0011

### IDENTIFICATION

Product Name Burnaid® Hydrogel Burn Dressings and Gels

### USE

A first aid burn dressing/gel for use on burns. Relieves pain, cools and soothes, provides a moist re-hydrating barrier and helps protect from secondary infection. Available as a gel sachet and gel impregnated open cell foam dressings.

### PHYSICAL DESCRIPTION

An open cell foam impregnated with white/off white to slightly clear hydrogel with a neutral fragrance contained in a plastic/foil/plastic laminate pouch.

A white/off white to slightly clear hydrogel with a neutral fragrance contained in a plastic/foil/plastic laminate sachet.

### Ingredients

Dressing A sterile polyester urethane foam dressing impregnated with a hydrogel containing >90% purified Water, <10% Emulsifiers, Solvent, Surfactant & Thickener  
A sterile foam dressing impregnated with a gel containing >90% Purified Water, <10% Emulsifiers, Solvent, Surfactant & Thickener

### HAZARD IDENTIFICATION

#### Acute

Hazard Classification: Classified as non-hazardous according to criteria of NOHSC

Swallowed Not known to be harmful if swallowed

Eye Contact May cause minor temporary eye irritation

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Skin Not an irritant for normal use

Inhalation Not applicable.

**First Aid:**

Swallowed Seek medical attention. Give a glass of water

Eye Contact Rinse well with water. Seek medical attention if irritation persists

Skin If irritation or sensitization occurs, wash off with running water.

Seek medical attention if irritation persists

Inhalation Not applicable.

**PRECAUTIONS FOR USE**

Controls No engineering controls required

Personal Protection None required

Flammability Non flammable

**SAFE HANDLING INFORMATION**

General Refer to instructions on product

Storage & Transport Store in a cool dry place away from direct sunlight below 30°C

No special transport requirements except to avoid contact with sharp objects

Scheduled Poison Non Dangerous Good, Non Workplace Hazardous Substance or

Spills & Disposal Spillage - wipe up and place in the waste system

Disposal - dispose as per regulations. May be disposed of in domestic or commercial waste

Fire Hazard Use normal extinguishing methods. May emit fumes if incinerated

Reactivity Avoid prolonged high temperature

Environmental Issues None known. Normal local disposal methods acceptable

## POISONS CONTACT

**Australia Poisons**  
Information Centre                      24 Hour Service                      13 11 26

**New Zealand Poisons**  
Information Centre                      03 479 1200 (Normal Hours)  
03 479 0999 (Emergency)

**American Poisons**    Help Line (24 Hours)                      1-800-222-1222

*Issue Date:*                                      *January 2017*

*Review Date:*                                      *January 2018*

The information contained in this data sheet is accurate to the best of our knowledge as of the date issued. It is the user's obligation to assess that the product is suitable for the purpose chosen, and that it is used in accordance with the instructions.

If you require further information or assistance with Burnaid® please do not hesitate to contact;

### **Mundipharma Pty Limited**

**T:** + 61 (0)2 9231-7200

**Web:** [www.Burnaid@.com.au](http://www.Burnaid@.com.au)

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**PRODUCT RANGE:**

**Burnaid® Dressings**



10cm x 10cm BURNAID® DRESSING  
Hydrogel Impregnated Dressing  
Sterile, single use  
Fragrance Free

**USES:**

Small burn sites



20cm x 20cm BURNAID® DRESSING  
Hydrogel Impregnated Dressing  
Sterile, single use  
Fragrance Free

**USES:**

Medium burn sites

Arms and legs

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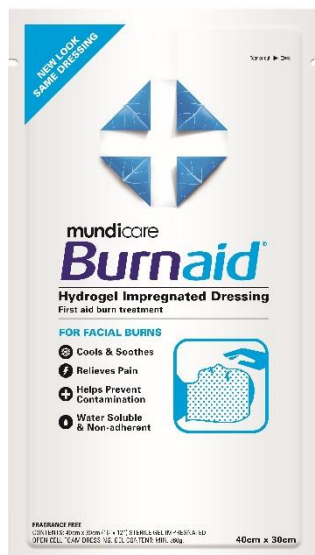




55 x 40cm BURNAID® DRESSING  
Hydrogel Impregnated Dressing  
Sterile, single use  
Fragrance Free

Ideal uses  
Large burn sites

Trunk areas



40 x 30cm BURNAID® DRESSING  
Hydrogel Impregnated Dressing  
Sterile, single use  
Fragrance Free

FACIAL BURNS

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BURNAID® GEL SPRAY 50ml  
Hydrogel  
Sterile,  
MINOR BURNS, SCALDS, SUNBURN

Cools, soothes, helps relieve pain

Easy spray on application, convenient, instant relief



BURNAID® GEL SACHET 3.5G NET  
Hydrogel  
Sterile,  
MINOR BURNS, SCALDS, SUNBURN

Cools, soothes, helps relieve pain

Easy tear open one application sachet



BURNAID® BURN KIT  
All in One kit for home, work or recreation  
Includes 5 x Sachets Hydrogel  
1 x Burnaid® Spray  
1 x bandage

MINOR BURNS, SCALDS, SUNBURN

Cools, soothes, helps relieve pain

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