SECTION 1 – IDENTIFICATION OF THE MATERIAL & SUPPLIER

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Chemical Nature:	Water based clear/off white hydrogel enclosed in a laminate pouch. Hydrogel is impregnated into an open cell foam carrier in the dressings
Trade Name:	Burnex Burn Hydrogel Sachets & Dressings
Other Names:	Hydrogel First Aid Burn Dressing
Product Use:	First response first aid burn dressing for cooling, soothing, aid pain relief & protect from contamination.
Creation Date:	August 2022
This version issued:	August 2022. Valid for 5 years from this date.

Poisons Information Centre: 13 1126 – Australia wide

SECTION 2 – HAZARDS IDENTIFICATION

Statement of Hazardous Nature
This product is classified as: Not classified as Hazardous according to the criteria of SWA.
Not a Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

SUSPM Classification: None allocated

ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

UN Number: None allocated

GHS Signal Word: NONE Not hazardous.

Prevention

P102: Keep out of reach of children.

Response

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog.

Storage

P402+P404: Store in a cool dry place away from sunlight

Disposal

P501: Dispose of small quantities and empty containers by wrapping with paper and placing in garbage. For larger quantities, recycling or reclaiming is not possible, so use a commercial waste disposal service.

Emergency Overview

Physical Description & Colour: Wet water soluble hydrogel in sachets or impregnated into an open cell foam in dressings
Odour: Mild odour
Major Health hazards: Non known

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Conc.%	TWA (mg/m^3)	STEL (mg/m^3)
Nonhazardous ingredients*	proprietary water based hydrogel	100%	not set	not set

The dressing consists of a clear/off white water based hydrogel impregnated evenly into an open cell foam enclosed in a pouch. The sachet contains hydrogel enclosed in a pouch.

Foam Carrier:	open cell polyester foam
Packaging:	Plastic/Al Foil/Plastic laminate pouch
Sterility:	Sterile. Sterilised using a fully validated Gamma Irradiation sterilisation process

This is a commercial product whose exact ratios may vary slightly.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hours working day for a 5-day week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4 – FIRST AID MEASURES

General Information:

Call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product T: 13 1126 Australia wide (0800 764 766 in New Zealand) and is available at all times. Have SDS on hand when you call.

Contact of Poisoning: From available evidence, this product would appear to offer no significant health hazard by any exposure route. Consequently, First Aid is not generally required. If in doubt, or if poisoning occurs, contact a doctor or Poisons Information Centre – Australia – T: 13 1126 / New Zealand – T: 0800 764 766

SECTION 5 – FIRE FIGHTING MEASURES

Fire & Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.
Only small quantities of decomposition products are expected form this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.
Fire decomposition products from this product are not expected to be hazardous of harmful.

Extinguishing Media:	In case of fire, use carbon dioxide, dry chemical, foam, water fog.
Fire Fighting:	If a significant quantity of this product is involved in a fire, call the fire brigade
Flash Point:	Combustible solid.
Upper Flammability Limit:	No data.
Lower Flammability Limit:	No data.
Autoignition temperature:	Combustible solid.
Flammability Class:	Does nor burn.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Accidental Release: This product is sold in small packages, and the accidental release from one of these is not usually cause for concern. For minor spills, clean up, rinsing to sewer and putting empty packages in the garbage. No special clothing is normally necessary for occasional contact with this product; however, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage form entering drains and waterways and call emergency services.

SECTION 7 – HANDLING & STORAGE

Handling: Keep exposure to a minimum and minimise quantities kept in work areas. Check Section 8 of the SDS for details on personal protective measures, and make sure that those measures are followed. The measures detailed under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Make sure that containers of this product are kept tightly closed. Ensure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

SECTION 8 – EXPOSURE CONTROL & PERSONAL HANDLING

The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment:

AS/NZS 1715, Protective Gloves: **AS 2161**, Occupational Protective Clothing**: AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits **TWA (mg/m3)** **STEL (mg/m3)**

Exposure limits have not been established by SWA for any of the significant ingredients in this product. No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems. **Ventilation:** No special ventilation requirements are normally necessary for this product. However, make sure that the work environment remains clean and that vapours and mists are minimised.
Eye Protection: Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.
Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.
Protective Material Types: There is no specific recommendation for any particular protective material type. **Respirator:** Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Physical Description & colour:	Clear/Off white water based hydrogel impregnated into an open cell foam
Odour:	Mild.
Boiling Point:	Not applicable.
Freezing/Melting Point:	Decomposes before melting.
Volatiles:	No specific data. Expected to be low at 100°C.
Vapour Pressure:	Negligible at normal ambient temperatures.
Vapour Density:	Not applicable.
Specific Gravity:	Not applicable.
Water Solubility:	Hydrogel soluble

pH:	5-6.
Volatility:	Negligible at normal ambient temperatures.
Odour Threshold:	No data.
Evaporation Rate:	Not applicable.
Coeff Oil/water Distribution:	No data.
Autoignition temp:	No data.

SECTION 10 – STABILITY & REACTIVITY

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf-life properties.
Conditions to Avoid: Keep containers closed and dry.
Incompatibilities: No particular Incompatibilities.
Fire Decomposition: Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.
Polymerisation: This product will not undergo polymerisation reactions.

SECTION 11 – TOXICOLOGICAL INFORMATION

Inhalation:
Short Term Exposure: Available data indicates that this product is not harmful. In addition, product is unlikely to cause any discomfort or irritation.
Long Term Exposure: No data for health effects associated with long term inhalation.
Skin Contact:
Short Term Exposure: Sensitisation testing indicates that rubber based latex adhesive may cause allergic reactions ranging from sneezing or a runny nose to anaphylaxis, a potentially life-threatening condition.
Long Term Exposure: No data for health effects associated with long term skin exposure.
Eye Contact:
Short Term Exposure: This product is believed to be not irritating to eyes.
Long Term Exposure: No data for health effects associated with long term eye exposure.
Ingestion:
Short Term Exposure: Significant oral exposure is considered to be unlikely. This product is unlikely to cause any irritation problems in the short or long term.
Long Term Exposure: No data for health effects associated with long term ingestion.
Carcinogen Status:
SWA: No significant ingredient is classified as carcinogenic by SWA.
NTP: No significant ingredient is classified as carcinogenic by NTP.
IARC: No significant ingredient is classified as carcinogenic by IARC

SECTION 12 – ECOLOGICAL INFORMATION

This product is not readily biodegradable. However, it is biologically inert so will not be harmful to flora or fauna, soil or water and will not cause long term problems. Expected to not be an environmental hazard.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service

SECTION 14 – TRANSPORT INFORMATION

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

SECTION 15 – REGULATORY INFORMATION

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.
This SDS contains only safety-related information. For other data see product literature.

SECTION 16 – OTHER INFORMATION

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters IARC International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product. This SDS is prepared in accord with the SWA document “Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice” (December 2011)