

SAFETY DATA SHEET

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SECTION 1 – IDENTIFICATION

| | | | |
|----------------------|---|--------------|--------|
| TRADE NAME: | BURNSHIELD | | |
| PRODUCT DESCRIPTION: | BURNSHIELD STERILE HYDROGEL BURN HYDROGEL | | |
| DOSAGE FORM: | HYDROGEL IN VARIOUS FORMATS | | |
| SIZES | 50ml BOTTLE | IDENTIFIER : | 550000 |
| | 50ml SPRAY BOTTLE | | 550020 |
| | 75ml SPRAY BOTTLE | | 550082 |
| | 125ml SPRAY BOTTLE | | 550003 |
| | 10g TUBE | | 550010 |
| 25g TUBE | | 550009 | |
| APPLICATION: | EMERGENCY TREATMENT OF ALL TYPES OF BURNWOUNDS AND SCALDS | | |
| PRODUCT DESCRIPTION: | A HDPE BOTTLE/TUBE CONTAINING BURNSHIELD GEL WITH EITHER A TWIST OR SPRAY CAP | | |

MANUFACTURER CONTACT: BURNSHIELD (PTY) LTD
MEDOPARK
BLOCK 3
NO 1 MANCHESTER ROAD
WADEVILLE
SOUTH AFRICA

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SECTION 2 – HAZARD(S) IDENTIFICATION

NO HEALTH OR PHYSICAL HAZARDS ARE IDENTIFIED FOR USE, STORAGE OR TRANSPORTATION OF BURNSHIELD DRESSINGS

WARNINGS:

- (i) DO NOT USE IF PACKAGING IS DAMAGED
- (ii) SAFE FOR USE ON CHILDREN AND FACIAL BURNS

PHYSICAL HAZARDS:

- (i) PROTECT FROM EXTREME TEMPERATURES (-10°C TO +40°C)



PROPERTY OF GELLING MIXTURE:

- (i) NON TOXIC

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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

PROPRIETARY: YES

| NAME | IDENTIFIER NUMBER/ CAS # | WEIGHT PERCENT CONTENT |
|-----------------------|--------------------------|------------------------|
| TEA-TREE OIL | 7732-18-5 | 1% |
| GELLING MIXTURE | PROPRIETARY | |
| PURIFIED WATER (AQUA) | PROPRIETARY | ad 100%< |

SECTION 4 FIRST AID MEASURES

| | |
|--------------------------------|---|
| GENERAL | NONE |
| INHALATION | NONE – MOVE AWAY FROM SOURCE |
| SKIN CONTACT | IF SLIGHT IRRITATION OCCURS, RINSE WITH WATER AND STOP USE |
| EYE CONTACT | FLUSH WITH WATER FOR A MINIMUM OF 5 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. |
| INGESTION | NONE |
| INFORMATION TO HEALTH PERSONEL | THE LD50 HAS BEEN ESTABLISHED TO BE IN EXCESS OF 10G/KG BODY WEIGHT, THUS POSING A VERY LOW POTENTIAL RISK |
| MORE INFORMATION | BURNSHIELD GEL IS COMPOSED MAINLY OF WATER AND IS VERY LOW HEALTH RISK. A SLIGHT SKIN IRRITATION (SKIN REDDENING TO BE OBSERVED IF PATIENT IS ALLERGIC TO THE GEL). |

SECTION 5 FIRE FIGHTING MEASURES

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| SUITABLE EXTINGUISHER | WATER, FOAM AND DRY CHEMICAL |
| UNSUITABLE EXTINGUISH MEDIA | NONE |
| FIRE AND EXPLOSION HAZARDS | NONE |
| PERSONAL PROTECTION WHEN FIREFIGHTING | FIREFIGHTERS TO BE AWARE THAT BURNING POLYURETHANE RESULTS IN GAS TOXIC FUMES. MASKS TO BE WORN. |
| SPECIAL FIREFIGHTING PROCEDURES | PRECAUTION RECOMMENDATION FOR FIREFIGHTERS |

SECTION 6 ACCIDENTAL RELEASE MEASURES

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|---------------------------|---|
| PERSONAL PRECAUTIONS | NO PROTECTIVE GEAR REQUIRED |
| ENVIRONMENTAL PRECAUTIONS | NONE |
| CLEANING MEASURES | RINSE WITH WATER |
| GENERAL | BURNSHIELD GEL IS WATER SOLUBLE AND IS EASILY RINSED. |

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SECTION 7 HANDLING AND STORAGE

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| SPECIAL PRECAUTIONS | KEEP OUT OF REACH OF CHILDREN. |
| HANDLING | NO SPECIAL PRECAUTIONS |
| STORAGE | STORE AT ROOM TEMPERATURE. PROTECT FROM EXTREME TEMPERATURES FOR PROLONGED PERIODS OF TIME. |
| OTHER INFORMATION | THE BURNSHIELD HYDROGEL IS SUPPLIED IN A STERILE STATE. SPECIAL PRECAUTIONS SHOULD BE OBSERVED TO ENSURE THAT THE PACKAGING IS NOT DAMAGED DURING STORAGE AND HANDLING. |

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

THIS REFERS TO PURE 100% TEA TREE OIL. BURNSHIELD GEL CONSIST OF NO MORE THAN 1,0%

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|------------------------|--|
| EXPOSURE | NONE; GEL CONTAINS LESS THAN 1% TEA TREE OIL |
| RESPIRATORY PROTECTION | NONE; GEL CONTAINS LESS THAN 1% TEA TREE OIL |
| EYE PROTECTION | NONE; GEL CONTAINS LESS THAN 1% TEA TREE OIL |
| HAND PROTECTION | NONE; GEL CONTAINS LESS THAN 1% TEA TREE OIL |
| SKIN PROTECTION | NONE; GEL CONTAINS LESS THAN 1% TEA TREE OIL |

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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|---------------------|---|
| FORM | BOTTLES/OR TUBES CONTAINING BURNSHIELD GEL |
| COLOUR OF GEL | WHITE TO COLOURLESS |
| ODOUR OF GEL | OF TEA TREE OIL (MEDICAL SCENT) |
| DENSITY | APPROX 1.000g/cm ³ AT 20°C |
| VISCOSITY | MINIMUM 5000cPs (BROOKFIELD – SPINDLE 6:20rpm) |
| BOILING POINT | APPROX 106°C/228°F |
| PH | 5.5 – 7.5 |
| AUTO IGNITION TEMP | WILL NOT AUTO-IGNITE |
| SOLUBILITY IN WATER | 100% SOLUBLE IN WATER |

SECTION 10 STABILITY AND REACTIVITY

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| STABILITY | BURNSHIELD GEL IS VERY STABLE THROUGH A WIDE RANGE OF TEMPERATURES AND HUMIDITY |
| REACTIVITY | WILL NOT REACT WITH OTHER SUBSTANCES. WILL DISSOLVE OTHER WATER SOLUBLE CHEMICALS WHEN IN CONTACT. |
| HAZARDOUS DECOMPOSITION PRODUCTS | BURNSHIELD GEL CONTAINS 1,0% TEA TREE OIL. THEREFORE NON HAZARDOUS. |
| OTHER INFORMATION | BURNSHIELD GEL IS STABLE FOR MINIMUM 5 YEARS. NO HARMFUL DEGRADATION PRODUCTS HAVE BEEN ESTABLISHED. WATER SOLUBLE SUBSTANCES MAY DISSOLVE WHEN IN CONTACT WITH BURNSHIELD GEL. BURNSHIELD GEL IS COMPRISED MAINLY OF WATER AND WILL THUS CONDUCT ELECTRICITY. |

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SECTION 11 TOXICOLOGICAL INFORMATION

| | |
|---------------------------------|---|
| GENERAL | BURNSHIELD GEL HAS BEEN ESTABLISHED AS BEING NON-TOXIC |
| INHALATION | NON-TOXIC |
| SKIN CONTACT | NON-TOXIC |
| EYE CONTACT | NON-TOXIC |
| INGESTION | LOW RISK – LD50 MORE THAN 10g/kg BODY WEIGHT |
| CHRONIC EFFECTS | NONE |
| SENSITISATION | HYPERSENSITIVE SKINS MAY DEVELOP A SLIGHT SKIN REDDENING ON CONTACT |
| MUTOGENICITY | NONE |
| CANCER | NONE |
| REPRODUCTION | NO EFFECTS |
| OTHER TOXICOLOGICAL INFORMATION | NO OTHER TOXICOLOGICAL EFFECTS KNOWN |
| ORAL TOXICITY | LOW RISK – LD50 MORE THAN 10g/kg BODY WEIGHT |
| DERMAL TOXICITY | NONE |
| INHALATION TOXICITY | NONE |

SECTION 12 ECOLOGICAL INFORMATION

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|------------------|--|
| MOBILITY | NOT APPLICABLE |
| BIODEGRADABILITY | PRODUCT IS TOTALLY BIODEGRADABLE OR RECYCLABLE |
| ACCUMUALTION | NO EFFECTS |
| ECOTOXICITY | THE ENVIROMENTAL EFFECTS OF THIS PRODUCT HAS NOT BEEN FULLY INVESTIGATED |
| OTHER EFFECTS | NONE |

SECTION 13 DISPOSAL CONSIDERATIONS

| | |
|--------------------------|---|
| DECONTAMINATION/DISPOSAL | NO SPECIAL PRECAUTIONS, CAN BE FLUSHED DOWN THE DRAIN |
| DISPOSAL GROUP | NOT APPLICABLE |
| OTHER EFFECTS | NONE |

SECTION 14 TRANSPORT INFORMATION

| | |
|---------------------|---|
| DOT CLASSIFICATION | NOT REGULATED FOR DOMESTIC TRANSPORT |
| IATA CLASSIFICATION | NOT REGULATED FOR INTERNATIONAL TRANSPORT |
| IMDG CLASSIFICATION | NOT REGULATED FOR INTERNATIONAL WATER TRANSPORT |

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SECTION 15 REGULATORY INFORMATION

BURNSHIELD HYDROGELS ARE PRODUCTS USED IN THE EMERGENCY TREATMENT OF ALL TYPE OF BURNS AND SCALDS. IT IS CLASSIFIED AS A MEDICAL DEVICE.

SECTION 16 OTHER INFORMATION INCLUDING DATE OF PREPARATION OR LAST REVISION

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|------------------------------|---|
| ORIGINAL DATE: | OCTOBER 1999 |
| REVISION DATE: | 19 MARCH 2016 |
| REVISION VERSION: | 11 |
| FURTHER INFORMATION CONTACT: | M. DI DOMENICO +27 (11) 827 4140 max@burnshield.com |

Disclaimer: The information provided on this SDS is correct to the best of our knowledge. Information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such in combination with any other material or in any process, unless specified in the text

SCHEDA TECNICA

GEL ANTIUSTIONI CODICE PRE002, GARZE ANTIUSTIONI CODICE GAZ101 E FLACONE CODICE GEL002

- **COMPOSIZIONE DELL' IDROGEL**
Acqua purificata, glicerina, crosspolimero acrilato, EDTA disodico, trietanolammina
- **STERILITA'**
Irraggiamento con raggi gamma
- **DATA DI SCADENZA**
5 anni
- **PH IDROGEL**
5,5 -7,0
- **BIODEGRADABILITA' IDROGEL**
100%
- **ASPETTO DELL'IDROGEL**
Liquido, trasparente
- **ODORE IDROGEL**
Senza odore
- **COMPOSIZIONE SUPPORTO GARZE**
Schiuma poliuretana con struttura a cellule aperte incatenate.

- **ATTENZIONE:**

- ✓ Non strofinare il gel sull'area interessata.
- ✓ Non riutilizzare.
- ✓ Solo per uso esterno.
- ✓ Se compaiono irritazioni, smettere l'utilizzo.
- ✓ Conservare in un luogo fresco.
- ✓ Non utilizzare se la confezione risulta aperta o danneggiata.

- **CARATTERISTICHE E BENEFICI**

- ✓ Non aderisce all'area bruciata
- ✓ Non è tossico.
- ✓ Promuove la guarigione, inumidisce, raffredda e lenisce.

- **MODALITA' D'USO:**

- ✓ Aprire la bustina o rimuovere la medicazione.
- ✓ Applicare il gel o la garza sulla zona interessata. Non strofinare.
- ✓ Coprire se necessario.
- ✓ Se il dolore persiste contattare un medico

- **CONFEZIONI**

PRE002: bustine da 3.5g
GAZ101: garze da 10 x 10 cm
GEL002: flacone gel 50 ml