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MANUFACTURERS OF BURNSHIELD®EMERGENCY BURNCARE PRODUCTS

SAFETY DATA SHEET

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SECTION 1 – IDENTIFICATION

TRADE NAME:	BURNSHIELD		
PRODUCT	BURNSHIELD STERILE HYDROGEL		S
DESCRIPTION	BURN DRESSING		
DOSAGE FORM:	DRESSINGS OF VARIOUS SIZES:		
SIZES	100mm x 100mm	IDENTIFIER:	901111
	200mm x 200mm		900906
	600mm x 400mm		901007
	600mm x 400mm Face Mask		901135
	200mm x 450mm		901001
	200mm x 450mm Face Mask		901000
	25mm x 0,5m (Digits)		901130
	50mm x 1,0m (Limbs)		901131
APPLICATION:	EMERGENCY TREATMENT OF ALL TYPI	ES OF BURNWOUNDS A	ND SCALDS
PRODUCT	POLYURETHANE DRESSING WETTED W	ITH BURNSHIELD GEL	CONTAINED IN
DESCRIPTION:	A MULTILAYERED ALUMINIUM POUCH		A CONTRACTOR OF THE PARTY OF TH

MANUFACTURER CONTACT:

BURNSHIELD (PTY) LTD

MEDOPARK BLOCK 3

NO 1 MANCHESTER ROAD

WADEVILLE SOUTH AFRICA

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EMAIL: max@burnshield.com

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
- (ii)

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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 PRESISTS, 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

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

PERSONAL PRECAUTIONS	NO PROTECTIVE GEAR REQUIRED
ENVIRONMENTAL PRECAUTIONS	DO NOT BURN THE POLYURETHANE FOAM AS THIS WILL
Service and the service and th	RESULT IN TOXIC FUMES
CLEANING MEASURES	RINSE WITH WATER
GENERAL	BURNSHIELD GEL IS WATER SOLUBLE AND IS EASILY
	RINSED.

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SECTION 7 HANDLING AND STORAGE

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 DRESSING 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%

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

FOAM	POLYURETHANE DRESSING WETTED WITH BURNSHIELD GEL
COLOUR OF GEL	WHITE TO COLOURLESS
ODOUR OF GEL	OF TEA TREE OIL (MEDICAL SCENT)
DENSITY	APPROX 1.000g/cm³ 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

STABILITY	BURNSHIELD GEL IS VERY STABLE THROUGH A WIDE RANGE
	OF TEMPERATURES AND HUMIDITY
REACTIVITY	WILL NOT REACT WITH OTHER SUBSTANCES. WILL DISSOLVE
A Property of the Control of the Con	OTHER WATER SOLUBLE CHEMICALS WHEN IN CONTACT.
HAZARDOUS DECOMPOSITION	BURNSHIELD GEL CONTAINS 1,0% TEA TREE OIL. THEREFORE
PRODUCTS	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

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 DRESSINGS 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

ORIGINAL DATE:

OCTOBER 1999

REVISION DATE:

19 MARCH 2016

REVISION VERSION:

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FURTHER INFORMATION CONTACT:

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