

1 Manchester Road Medopark Block 3 Wadeville,1428 South Africa Co. Reg No.: 1997/008394/07 Tel: +27 (0) 11 827 4140 Fax: +27 (0) 11 827 9009 Email: contact@burnshield.com Website: www.burnshield.com

SAFETY DATA SHEET

SDS No: 01c	BURNSHIELD DRESSINGS	PAGES 1 of 5
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SECTION 1 – IDENTIFICATION

TRADE NAME:	BURNSHIELD		
PRODUCT DESCRIPTION	BURNSHIELD STERILE HYDROGEL BURN DRESSING		
DOSAGE FORM:	DRESSINGS OF VARIOUS SIZES:		
SIZES	IDENTIFIER	BARCODE	
100MM X 100MM	901111	6007645001380	
200MM X 200MM	900906	6007645001397	
600MM X 400MM	901007	6007645001403	
600MM X 400MM FACE MASK	901135	6007645003957	
200MM X 450MM	901001	6007645001410	
200MM X 450MM FACE MASK	901000	6007645001458	
25MM X 0.5M (DIGITS)	901130	6007645001434	
50MM X 1.0M (LIMBS)	901131	6007645001427	
APPLICATION:	EMERGENCY TREATMENT OF ALL TYPES OF BURN WOUNDS		
	AND SCALDS		
PRODUCT DESCRIPTION:	POLYURETHANE DRESSING WETTED WITH BURNSHIELD GEL		
	CONTAINED IN A MULTILAYERED ALUMINIUM POUCH		

MANUFACTURER CONTACT: BURNSHIELD (PTY) LTD

MEDOPARK BLOCK 3

NO 1 MANCHESTER ROAD

WADEVILLE SOUTH AFRICA

TEL: +27 11 827 4140

 $MONDAY-THURSDAY\colon 8AM-4PM$

FRIDAY:8AM – 1PM

EMAIL: max@burnshield.com

SECTION 2 – HAZARD 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

ALL INGREDIENTS ARE OF PHARMACUTICAL QUALITY.

PROPRIETARY: YES

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

SECTION 4 FIRST AID MEASURES

GENERAL	NONE
INHALATION	NONE
SKIN CONTACT	IF SLIGHT IRRITATION OCCURS, RINSE WITH WATER AND
	DISCONTINUE USE
EYE CONTACT	FLUSH WITH WATER FOR A MINIMUM OF 5 MINUTES. IF
	IRRITATION PRESISTS, SEEK MEDICAL ATTENTION.
INGESTION	NONE
INFORMATION TO HEALTH	THE LD50 HAS BEEN ESTABLISHED TO BE IN EXCESS OF 10G/KG
PERSONEL	BODY WEIGHT, THUS POSING A VERY LOW POTENTIAL RISK
MORE INFORMATION	BURNSHIELD GEL IS COMPOSED MAINLY OF WATER AND IS A
	VERY LOW HEALTH RISK. A SLIGHT SKIN IRRITATION (SKIN
	REDDENING MAY BE OBSERVED IF PATIENT IS ALLERGIC TO THE
	BURNSHIELD 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 TOXIC GAS
	FUMES. MASKS TO BE WORN.
SPECIAL FIREFIGHTING PROCEDURES	NONE

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	NO PROTECTIVE GEAR REQUIRED
ENVIRONMENTAL PRECAUTIONS	DO NOT BURN THE POLYURETHANE FOAM AS THIS WILL
	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 CONTROLS/PERSONAL PROTECTION

EXPOSURE	NONE
RESPIRATORY PROTECTION	NONE
EYE PROTECTION	NONE
HAND PROTECTION	NONE
SKIN PROTECTION	NONE

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

POLYURETHANE DRESSING WETTED WITH BURNSHIELD GEL
WHITE TO COLOURLESS
OF TEA TREE OIL (MEDICAL SCENT)
APPROX 1.000g/cm³ AT 20°C
MINIMUM 5000cPs
(BROOKFIELD – SPINDLE 6:20rpm)
APPROX 106°C/228°F
5.5 – 7.5
WILL NOT AUTO-IGNITE
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
	OTHER WATER SOLUBLE CHEMICALS.
HAZARDOUS DECOMPOSITION	NONE
PRODUCTS	
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. BURNSHIELD PRODUCTS ARE CLASSIFIED AS MEDICAL DEVICES.

SECTION 16 OTHER INFORMATION

REFERENCE: GLOBALLY HARMONIZED SYSTEM OF

CLASSIFICATION AND LABELLING OF

CHEMICALS (GHS)

ORIGINAL DATE: OCTOBER 1999 REVISION DATE: 14 JUNE 2021

REVISION VERSION: 13

FURTHER INFORMATION CONTACT: M. DI DOMENICO

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SUMMARY AND CONCLUSION

BURNSHIELD DRESSINGS CONTAINS NO DANGEROUS SUBSTANCES AND DO NOT POSE ANY RISKS DURING HANDLING, TRANSPORTATION AND USE. AS SUCH, BURNSHIELD DRESSINGS CAN BE REGARDED AS SAFE REQUIRING NO SPECIAL HANDLING OR PRECAUTIONS.

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