

**MATERIAL SAFETY DATA SHEET**

<b>BURNSHIELD HYDROGEL</b>	PAGES	1 of 4
	MSDS NO:	05b
	REVISION NO:	08
	ORIGINAL DATE:	October 1999
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**SECTION 1- PRODUCT AND COMPANY**

TRADE NAME:	BURNSHIELD
DOSAGE FORM:	HYDROGEL: 50ml BOTTLE 75ml SPRAY BOTTLE 125ml SPRAY BOTTLE 10g TUBE 25g TUBE
APPLICATION:	EMERGENCY TREATMENT OF ALL TYPES OF SMALL AREA BURNWOUNDS
DESCRIPTION:	A HDPE BOTTLE OR TUBE CONTAINING BURNSHIELD GEL WITH EITHER A TWIST OR SPRAY CAP

**SECTION 2 – HAZARDS IDENTIFICATION**

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

**SECTION 3 – FIRST AID MEASURES**

GENERAL	NONE
INHALATION	NONE – MOVE AWAY FROM SOURCE
SKIN CONTACT	IF SLIGHT IRRITATION OCCURS, RINSE WITH WATER AND STOP USE
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 4 – FIRE FIGHTING MEASURES**

SUITABLE EXTINGUISHER	ALL TYPES SUITABLE
UNSUITABLE EXTINGUISH MEDIA	NONE
FIRE AND EXPLOSION HAZARDS	NONE
PERSONAL PROTECTION WHEN FIREFIGHTING	NONE
SPECIAL FIREFIGHTING PROCEDURES	NONE



MANUFACTURERS OF BURNSHIELD EMERGENCY BURN CARE PRODUCTS

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## SECTION 5 – ACCIDENTAL SPILLAGE MEASURES

PERSONAL PRECAUTIONS	NONE
ENVIRONMENTAL PRECAUTIONS	NONE
CLEANING MEASURES	RINSE WITH WATER
GENERAL	BURNSHIELD GEL IS WATER SOLUBLE AND IS EASILY RINSED.

## SECTION 6 - HANDLING AND STORAGE

SPECIAL PRECAUTIONS	NONE
HANDLING	NO SPECIAL PRECAUTIONS
STORAGE	PROTECT FROM EXTREME TEMPERATURES.
OTHER INFORMATION	THE BURNSHIELD BOTTLES AND TUBES ARE SUPPLIED IN A STERILE STATE. SPECIAL PRECAUTIONS SHOULD BE OBSERVED TO ENSURE THAT THE PACKAGING IS NOT DAMAGED DURING STORAGE AND HANDLING.

## SECTION 7 – EXPOSURE CONTROL/PERSONAL PROTECTION

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

## SECTION 8 – PHYSICAL AND CHEMICAL PROPERTIES

FORM	HDPE BOTTLES AND TUBES CONTAINING BURNSHIELD GEL
COLOUR OF GEL	WHITE TO COLOURLESS
ODOUR OF GEL	OF TEA TREE OIL
DENSITY	APPROX 1.000 AT 20°C
VISCOSITY	MINIMUM 5000cPs (BROOKFIELD – SPINDLE 6;20rpm)
BOILING POINT	APPROX 106°C
PH	5.5 – 7.5
AUTO IGNITION TEMP	WILL NOT AUTO-IGNITE
SOLUBILITY IN WATER	100% SOLUBLE IN WATER

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**SECTION 9 – 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 WHEN IN CONTACT.
HAZARDOUS DECOMPOSITION PRODUCTS	NONE
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.

**SECTION 10 – 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 11 – ECOLOGICAL INFORMATION**

MOBILITY	NOT APPLICABLE
BIODEGRADABILITY	PRODUCT IS TOTALLY BIODEGRADABLE OR RECYCLABLE
ACCUMUALTION	NO EFFECTS
ECOTOXICITY	NONE
OTHER EFFECTS	NONE



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**SECTION 12- DISPOSAL**

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

**SECTION 13 – TRANSPORT INFORMATION**

ROAD	NO SPECIAL PRECAUTIONS
RAILWAY	NO SPECIAL PRECAUTIONS
SEA	NO SPECIAL PRECAUTIONS
AIRPLANE	NO SPECIAL PRECAUTIONS

**SECTION 14 – REGULATORY INFORMATION**

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

**SECTION 15 – OTHER INFORMATION**

FOR FURTHER INFORMATION CONTACT:	M. DI DOMENICO
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<b>Product Name:</b>	<b>Alcohol Free Hand &amp; Surface Wipes</b>	<b>SDS Reference</b>	BHS002c
<b>Version No.</b> 1	<b>Initial issue date</b> September 24 <sup>th</sup> , 2013	<b>Revision date</b>	

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 Product Identifier</b>	<b>Bioguard Hand &amp; Surface Wipes</b>		
<b>1.2 Relevant Use(s)/misuse(s)</b>	Hand & Surface cleaner and disinfectant. <b>Suitable for food use tested to EN1276 EN1275. Food safe &amp; non-tainting. Meets EHO &amp; FSA standards.</b>		
<b>1.3 SDS Supplier</b>	Bioguard Hygiene Solutions Ltd.		
<b>1.3.1 Manufacturer</b>	Bioguard Hygiene Solutions Ltd. 64a St James Mill Rd St James Northampton NN5 5JP	<b>Telephone:</b> +44(0)1604 592048 <b>Fax No:</b> +44(0)1604 583854	<b>Competent Person e-mail:</b> trevor@rising-hsande.co.uk
<b>1.4 Emergency Telephone</b>	+44(0)1604 592048 (office hours)		

## 2. HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE MIXTURE

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Not classified

#### 2.1.2 Classification according to EC Directive 67/548/EEC (CHIP 4)

Not classified

#### 2.1.3 Additional information

See section 16 for full text of H statements and R phrases.

### 2.2 LABELLING ELEMENTS

#### 2.2.1 Labelling in accordance with EC Directive 67/548/EEC (CHIP 4)

<b>Physicochemical:</b>	ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO HAVE NO ADVERSE PHYSICOCHEMICAL PROPERTIES IF HANDLED IN THE CORRECT MANNER.
<b>Health:</b>	ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO HAVE NO ADVERSE AFFECTS ON HEALTH IF HANDLED IN THE CORRECT MANNER.
<b>Environmental:</b>	ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO HAVE NO ADVERSE ON THE ENVIRONMENT IF HANDLED IN THE CORRECT MANNER. .

**SAFETY PHRASES** NONE .

#### 2.2.2 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

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## 2. HAZARDS IDENTIFICATION

<b>Pictogram(s):</b>	NONE	<b>Signal word</b>
		NONE
<b>Hazard statement(s)</b>	NONE	
<b>Precautionary statement(s)</b>	NONE	
<b>2.3 OTHER HAZARDS</b>	NONE	

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation**                      AQUEOUS MIXTURE OF ORGANIC SUBSTANCES

### Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
CITRIC ACID MONOHYDRATE (1,2,3-PROPANETRICARBOXYLIC ACID)	5949-29-1	NOT ASSIGNED	<b>CHIP:</b> Xi: R36; <b>CLP:</b> Eye Irrit.2 H319	< 1.0%

## 4. FIRST AID MEASURES

### 4.1 Description of measures

<b>Inhalation</b>	Not a normal route of exposure.
<b>Skin contact</b>	Clean areas affected with soap and plenty of water. If necessary, seek medical advice
<b>Eye contact</b>	Wash out eye thoroughly with plenty of water until irritation subsides. If necessary, consult an eye specialist/ophthalmologist.
<b>Ingestion</b>	If product is swallowed, do NOT induce vomiting. If conscious, drink plenty of water. If necessary, seek medical advice.
<b>4.2 Most important effects/symptoms</b>	None known.
<b>4.3 Immediate/special treatment</b>	Treatment as described above.

## 5. FIRE FIGHTING MEASURES

<b>5.1 Extinguishing media</b>	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder) Do <b>not</b> use strong water jets
<b>5.2 Special hazards</b>	None known.
<b>5.3 Advice for fire fighters</b>	Wear self-contained breathing

## 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions</b>	Use suitable protective equipment (see section 8)
<b>6.2 Environmental precautions</b>	Do not flush wipe material down the drain and into waste water. Dispose of wipe material through normal waste systems. Do not allow to get into waste water or waterways in large quantities; if this occurs, inform the relevant water authority at once.
<b>6.3 Methods and materials for cleaning up</b>	Take up excess liquid with absorbent material, e.g. sand, sawdust into tightly closable containers. Label container and dispose of as prescribed.

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## 6. ACCIDENTAL RELEASE MEASURES

**6.4 Reference to other sections** See section 8 for personal protective equipment.

## 7. HANDLING AND STORAGE

**7.1 Precautions for safe handling** Handle in accordance with good hygiene and safety practice.

**7.2 Conditions for safe storage** Keep containers closed, cool, dry and away from heat

**7.3. Specific end use(s)** Surface cleaner and disinfectant

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**8.1 Controls parameters** No OEL data are available. Comply with good practice.

**8.2 Exposure controls**

**Engineering controls** Provide adequate ventilation (e.g. local exhaust ventilation).

**Personal protection** Observe normal standards for handling chemicals.  
Wash hands before breaks and after work.  
Wear personal protective equipment appropriate to the task (see below)

**Eye protection** Safety goggles if risk of eye contamination.

**Skin protection** Only for prolonged contact and If necessary, impervious gloves (but consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)

**Respiratory protection** Respirator – not normally required.

**Other protection** Protective overalls

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Basic physical and chemical properties

**Physical form** Impregnated wipe

**Colour** White cloth with a Liquid is a clear to straw coloured

**Odour** Characteristic

**Odour threshold** Not determined

**pH** 6.5-7.0

**Boiling pt / range** Approx. 100 °C

**Melting pt / range** Approx. 0 °C

**Flash point** Not applicable °C

**Flammability** Not applicable

**Thermal decomposition** Not applicable

**Evaporation rate** Not applicable

**Explosion limits** Not determined

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Auto-ignition temperature	Not applicable
Decomposition temp.	Not applicable
Relative density	1.01-1.025
Vapour pressure	Not applicable
Vapour density	Not applicable
Water solubility	Miscible
Explosive properties	Not determined
Oxidising properties	Not determined
Partition coeff. Log <sub>Oct/water</sub>	Not determined
9.2 Other information	None known.

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	Hazardous polymerisation will not occur
10.2 Chemical stability	Stable under normal conditions of handling.
10.3 Hazardous reactions	None known.
10.4 Conditions to avoid	None known.
10.5 Incompatible material	None known.
10.6 Hazardous decomposition products	Oxides of carbon

## 11. TOXICOLOGICAL INFORMATION

### 11.1 information on toxicological effects

Acute toxicity	LD <sub>50</sub> rat (oral)	mg/kg	No data available
Dermal compatibility	No data available		
Mucous membrane compatibility	No data available		

## 12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC <sub>50</sub>	Aquatic organisms	mg/l	No data available
12.2 Degradability	Not determined.			
12.3 Bioaccumulative potential	Not determined			
12.4 Mobility in soil	Not determined			
12.5 PBT/vPvB assessment	Not determined			
12.6 Other adverse effects	None known.			

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment measures



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### 13. DISPOSAL CONSIDERATIONS

<b>Advice on disposal</b>	If possible, recycle to supplier or approved recycling company. If not (e.g. designated as waste), dispose of in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
<b>Contaminated packaging</b>	Treat empty containers in the same way as the product: if possible wash out thoroughly and recycle.

### 14. TRANSPORT INFORMATION

<b>14.1 United Nations number (ADR, IMDG, IATA)</b>	Not classified
<b>14.2 Proper shipping name (ADR, IMDG, IATA)</b>	Not classified
<b>14.3 Transport class(s) (ADR, IMDG, IATA)</b>	Not classified
<b>14.4 Packing group (ADR, IMDG, IATA)</b>	Not classified
<b>14.5 Environmental hazards (ADR, IMDG, IATA)</b>	The product should NOT be marked as a marine pollutant.
<b>14.6 Special procedures (ADR, IMDG, IATA)</b>	Not applicable
<b>14.7 Transport in bulk (ADR, IMDG, IATA)</b>	Not applicable

### 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations</b>	The product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 4) and EC Regulation 1272/2008 (CLP), Other regulatory information and provisions are not applicable for this product.
<b>15.2 Chemical safety assessment</b>	Not applicable

### 16. OTHER INFORMATION

#### Further information

#### Risk phrases/ hazard statements referred to in sections 2/3

R36: Irritating to eyes.  
H319: Causes serious eye irritation.

**Sources of data** Other suppliers' safety data sheets

**Date of issue** 24-09-2013

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

<b>Product Name:</b>	Alcohol Free Hand & Surface Wipes	<b>SDS Ref.</b>	BHS002c
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Safety data sheet prepared by Rising HS&E Services.

# Material Safety Data Sheet

This material safety data sheet (MSDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a MSDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910.1200) because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

## **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Non-woven tape

**MANUFACTURER:** CHANGZHOU MAJOR MEDICAL PRODUCTS CO.,LTD.

**DIVISION:** Medical Division

**ADDRESS:** Hexi, Zouqu Town, Changzhou, Jiangsu Province, China.

**PHONE:** 0086-519-83831789

**Issue Date:**

**Supersedes Date:**

**Document Group:**

**Product Use:**

Specific Use: Medical tape.

## **SECTION 2: INGREDIENTS**

<b>Ingredient</b>	<b>C.A.S. No.</b>	<b>% by Wt</b>
polystyrene-polyisoprene-polystyrene	Mixture	30 -35
Whitefiller	Mixture	5 -15
Turpentine oil	8006-64-2	1-5
<i>Dipentene</i>	138-86-3	5-12
Hydrocarbon resin	Mixture	30-35

## **SECTION 3: HAZARDS IDENTIFICATION**

### **3.1 EMERGENCY OVERVIEW**

**Specific Physical Form:** Roll of Tape

**Odor, Color, Grade:** White tape with slight glue odor.

**General Physical Form:** Solid

**Immediate health, physical, and environmental hazards:** This product, when used under reasonable conditions and

in accordance with the 3M directions for use, should not present a health hazard. However, use or

processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

### **3.2 POTENTIAL HEALTH EFFECTS**

**Eye Contact:**

No health effects are expected.

**Skin Contact:**

No health effects are expected.

**Inhalation:**

No health effects are expected.

**Ingestion:**

Physical Blockage: Signs/symptoms may include cramping, abdominal pain, and constipation.

### **SECTION 4: FIRST AID MEASURES**

#### **4.1 FIRST AID PROCEDURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Eye Contact:** No need for first aid is anticipated.

**Skin Contact:** No need for first aid is anticipated.

**Inhalation:** No need for first aid is anticipated.

**If Swallowed:** Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

### **SECTION 5: FIRE FIGHTING MEASURES**

#### **5.1 FLAMMABLE PROPERTIES**

<b>Autoignition temperature</b>	<i>No Data Available</i>
<b>Flash Point</b>	<i>Not Applicable</i>
<b>Flammable Limits - LEL</b>	<i>Not Applicable</i>
<b>Flammable Limits - UEL</b>	<i>Not Applicable</i>

#### **5.2 EXTINGUISHING MEDIA**

Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g.,

water, foam). Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

### **5.3 PROTECTION OF FIRE FIGHTERS**

**Special Fire Fighting Procedures:** Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

**Unusual Fire and Explosion Hazards:** No unusual fire or explosion hazards are anticipated.

**Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.**

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Accidental Release Measures:** Not applicable.

### **SECTION 7: HANDLING AND STORAGE**

#### **7.1 HANDLING**

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

#### **7.2 STORAGE**

avoid direct sunlight, stored in a dry, clean place, storage temperature 0 °C ~35 °C

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **8.1 ENGINEERING CONTROLS**

Not applicable.

#### **8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)**

##### **8.2.1 Eye/Face Protection**

Not applicable.

##### **8.2.2 Skin Protection**

Not applicable.

##### **8.2.3 Respiratory Protection**

Not applicable.

#### 8.2.4 Prevention of Swallowing

Not applicable.

### 8.3 EXPOSURE GUIDELINES

None Established

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Specific Physical Form:</b>	<i>Roll of Tape</i>
<b>Odor, Color, Grade:</b>	<i>White tape with slight glue odor.</i>
<b>General Physical Form:</b>	<i>Solid</i>
<b>Autoignition temperature</b>	<i>No Data Available</i>
<b>Flash Point</b>	<i>Not Applicable</i>
<b>Flammable Limits - LEL</b>	<i>Not Applicable</i>
<b>Flammable Limits - UEL</b>	<i>Not Applicable</i>
<b>Boiling point</b>	<i>Not Applicable</i>
<b>Density</b>	<i>Not Applicable</i>
<b>Vapor Density</b>	<i>Not Applicable</i>
<b>Vapor Pressure</b>	<i>Not Applicable</i>
<b>Specific Gravity</b>	<i>Not Applicable</i>
<b>pH</b>	<i>Not Applicable</i>
<b>Melting point</b>	<i>Not Applicable</i>
<b>Solubility in Water</b>	<i>Nil</i>
<b>Evaporation rate</b>	<i>Not Applicable</i>
<b>Volatile Organic Compounds</b>	<i>No Data Available</i>
<b>Percent volatile</b>	<i>0 %</i>
<b>VOC Less H<sub>2</sub>O &amp; Exempt Solvents</b>	<i>No Data Available</i>
<b>Viscosity</b>	<i>Not Applicable</i>

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Materials and Conditions to Avoid:** None known

**Hazardous Polymerization:** Hazardous polymerization will not occur.

#### **Hazardous Decomposition or By-Products**

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	Not Specified
Carbon dioxide	Not Specified

### SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION**

Not applicable.

**CHEMICAL FATE INFORMATION**

Not applicable.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Dispose of waste product in a sanitary landfill. As a disposal alternative, incinerate in an industrial or commercial facility in the presence of a combustible material.

**EPA Hazardous Waste Number (RCRA):** Not regulated

**Since regulations vary, consult applicable regulations or authorities before disposal.**

**SECTION 14: TRANSPORT INFORMATION**

**ID Number(s):**

M71101

**Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.**

**SECTION 15: REGULATORY INFORMATION**

REPULIC OF CHINA REGULATIONS

**CHEMICAL INVENTORIES**

Contact us for more information

**INTERNATIONAL REGULATIONS**

Contact us for more information.

**ADDITIONAL INFORMATION**

Product is in compliance with Chinese G.B standard.

### **SECTION 16: OTHER INFORMATION**

#### **NFPA Hazard Classification**

**Health: 0 Flammability: 1 Reactivity: 0 Special Hazards: None**

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

No revision information is available.

**DISCLAIMER:** The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. CHANGZHOU MAJOR MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the CHANGZHOU MAJOR product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a CHANGZHOU MAJOR product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the CHANGZHOU MAJOR product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.





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## MATERIAL SAFETY DATA SHEET

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### SECTION 1 – PRODUCT AND COMPANY

TRADE NAME:	BURNSHIELD
DOSAGE FORM:	DRESSINGS OF VARIOUS SIZES: 100mm x 100mm 200mm x 200mm 600mm x 400mm 600mm x 450mm FACE MASK 200mm x 450mm FACE MASK 25mm x 0,5m (digits) 50mm x 1,0m (limbs)
APPLICATION:	EMERGENCY TREATMENT OF ALL TYPES OF BURNWOUNDS
DESCRIPTION:	POLYURETHANE DRESSING WETTED WITH BURNSHIELD GEL CONTAINED IN A MULTILAYERED ALUMINIUM POUCH

### SECTION 2 – HAZARDS IDENTIFICATION

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

### SECTION 3 – FIRST AID MEASURES

GENERAL	NONE
INHALATION	NONE – MOVE AWAY FROM SOURCE
SKIN CONTACT	IF SLIGHT IRRITATION OCCURS, RINSE WITH WATER AND STOP USE
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 4 – FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHER	ALL TYPES SUITABLE
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	NONE



MANUFACTURERS OF BURNSHIELD EMERGENCY BURN CARE PRODUCTS

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## SECTION 5- ACCIDENTAL SPILLAGE MEASURES

PERSONAL PRECAUTIONS	NONE
ENVIRONMENTAL PRECAUTIONS	NONE
CLEANING MEASURES	RINSE WITH WATER
GENERAL	BURNSHIELD GEL IS WATER SOLUBLE AND IS EASILY RINSED. DO NOT BURN THE POLYURETHANE FOAM AS THIS WILL RESULT IN TOXIC FUMES.

## SECTION 6 - HANDLING AND STORAGE

SPECIAL PRECAUTIONS	NONE
HANDLING	NO SPECIAL PRECAUTIONS
STORAGE	PROTECT FROM EXTREME TEMPERATURES.
OTHER INFORMATION	THE BURNSHIELD DRESSINGS ARE SUPPLIED IN A STERILE STATE. SPECIAL PRECAUTIONS SHOULD BE OBSERVED TO ENSURE THAT THE PACKAGING IS NOT DAMAGED DURING STORAGE AND HANDLING.

## SECTION 7 - EXPOSURE CONTROL/PERSONAL PROTECTION

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

## SECTION 8 - PHYSICAL AND CHEMICAL PROPERTIES

FORM	POLYURETHANE DRESSING WETTED WITH BURNSHIELD GEL
COLOUR OF GEL	WHITE TO COLOURLESS
ODOUR OF GEL	OF TEA TREE OIL
DENSITY	APPROX 1.000 AT 20°C
VISCOSITY	MINIMUM 5000cPs (BROOKFIELD - SPINDLE 6;20rpm)
BOILING POINT	APPROX 106°C
PH	5.5 - 7.5
AUTO IGNITION TEMP	WILL NOT AUTO-IGNITE
SOLUBILITY IN WATER	100% SOLUBLE IN WATER

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**SECTION 9 – 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 WHEN IN CONTACT.
HAZARDOUS DECOMPOSITION PRODUCTS	NONE
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.

**SECTION 10 – 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 11 – ECOLOGICAL INFORMATION**

MOBILITY	NOT APPLICABLE
BIODEGRADABILITY	PRODUCT IS TOTALLY BIODEGRADABLE OR RECYCLABLE
ACCUMUALTION	NO EFFECTS
ECOTOXICITY	NONE
OTHER EFFECTS	NONE



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## SECTION 12 - DISPOSAL

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

## SECTION 13 – TRANSPORT INFORMATION

ROAD	NO SPECIAL PRECAUTIONS
RAILWAY	NO SPECIAL PRECAUTIONS
SEA	NO SPECIAL PRECAUTIONS
AIRPLANE	NO SPECIAL PRECAUTIONS

## SECTION 14 – 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 15 – OTHER INFORMATION

<b>FOR FURTHER INFORMATION CONTACT:</b>	<b>M. DI DOMENICO</b>
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