



MATERIAL SAFETY DATA SHEET

Burnshield Burn Dressing

According to Regulation (EU) No 453/2010

Issue Date: 24 June 2019

Version Number: 1

SECTION 1: Identification of the substance/mixture and company/undertaking

1.1 Product Identifier

Product Name Burnshield Sterile Burns Dressings (10cm x 10cm, 20cm x 20cm & 40cm x 60cm)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use Emergency treatment of all types of Burn wounds and scalds

1.3 Details of the supplier of the safety data sheet

Supplier Steroplast Healthcare Limited
Unit 2, Alpha Point
Bradnor Road
Manchester
M22 4TE
United Kingdom
Tel: +44 (0) 161 902 3030
Email: sales@steroplast.co.uk

1.4 Emergency telephone number

Tel: +44 (0) 161 902 3031

SECTION 2: Hazards identification

2.1 Warnings

Do not use if packaging damaged
Safe for use on children and facial burns

2.2 Physical Hazards

Protect from extreme temperatures (-10oC to +40oC)
Gel Mixture is Non Toxic

2.3 Other hazards

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SECTION 3: Composition/information on ingredients

Ingredients	Cas Number	Percentage Content
Tea Tree Oil	7732-18-5	1%
Gelling Mixture	Propreitary	
Purified Water (Aqua)	Propreitary	ad 100%<

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

No Risk – Move away from source

Skin

If slight irritation occurs, rinse with water and stop use

Eye

Flush with water for a minimum of 5 minutes. If irritation persists, seek medical attention

Ingestion

In the unlikely event that the solution was swallowed, immediately see a Doctor

Information to Health Personnel

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)

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4.2 Most important symptoms and effects, both acute and delayed

Eye: Flush with water for a minimum of 5 minutes. If irritation persists, seek medical attention

Skin: If slight irritation occurs, rinse with water and stop use

Inhalation: No Risk – move away from source

Ingestion: If swallowing did occur immediately see a doctor

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptoms as they occur

SECTION 5: Firefighting measures

5.1 Extinguishing media

None

5.2 Suitable Extinguisher

Water, Foam and Dry Chemical

5.3 Special hazards arising from the substance or mixture

The product is water based, therefore not flammable or explosive.

5.4 Advice for fire fighters

Fire fighters to be aware that burning polyurethane results in gas toxic fumes. Fire fighters should wear an approved self-contained breathing apparatus and full protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures



No protective gear required

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6.2 Environmental precautions

No environmental issues expected

6.3 Methods and material for containment and cleaning up

Rinse with water

6.4 Reference to other sections

Burnshield gel is water soluble and is easily rinsed

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep out of Reach of Children. No Special Precautions

7.2 Conditions for safe storage, including any incompatibilities

Store at room temperature, protect from extreme temperatures for prolonged periods of time

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

7.3 Specific end use

Identified in Section 1.2

SECTION 8: Exposure controls/personal protection

This refers to Pure 100% Tea Tree Oil. Burnshield gel consists of no more than 1.0%

Exposure	None, gel contains less than 1% Tree Tea Oil
Respiratory Protection	None, gel contains less than 1% Tree Tea Oil
Eye Protection	None, gel contains less than 1% Tree Tea Oil
Hand Protection	None, gel contains less than 1% Tree Tea Oil
Skin Protection	None, gel contains less than 1% Tree Tea Oil

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Dressings containing Burnshield Gel in multilayered aluminium pouch
Colour	White to colourless
Odour	of Tea Tree Oil (Medical Scent)
Density	Approx 1.000g/cm ³ at 20oC
Initial boiling point/range	Approx 1.6oC/228oF
PH	5.5-7.5
Flash point	not expected for water based product
Viscosity	Minimum 5000cPs (Brookfield – Spindle 6:20rpm)
Auto Ignition Temp	will not auto-ignite
Solubility in Water	100% soluble in water

9.2 Other information Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

Will not react with other substances, will dissolve other water soluble chemicals when in contact

10.2 Chemical stability

Burnshield gel is very stable through a wide range of temperatures and humidity

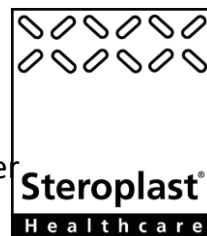
10.3 Possibility of hazardous reactions

Burnshield gel contains 1.0% tree tea oil, therefore non hazardous

10.4 Other Information

Burnshield Gel is stable for a minimum of 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

11.1 Information of toxicological effects

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	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

12.1 Mobility

Not Applicable

12.2 Biodegradability

Product is totally biodegradable or recyclable

12.3 Bioaccumulative potential

No effects

12.4 Ecotoxicity

The environment effects of this product has not been fully investigated

12.5 Other Effects

None

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

This product may be disposed of via the drains, by landfill, or by incineration.

Disposal must be in accordance with current national and local regulations.

No Special Precautions

SECTION 14: Transport information

DOT Classification not regulated for domestic transport

IATA Classification not regulated for domestic transport

IMDG Classification not regulated for domestic transport

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the mixture

Burnshield Dressings are products used in emergency treatment of all types of burns and scalds. It is classified as a Medical Device

15.2 Chemical safety assessment

Not Applicable

SECTION 16: Other information

Revisions

Currently in first version

Basis of classification

The mixture is self-classified on the basis of available information on the Ingredients

Shelf Life

5 Years from date of Manufacture

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Disclaimer: This information summarises our best knowledge of the health and safety Hazard information of the product and how to safely handle and use the product. Each user should read this data sheet and consider the information in the context of how the product will be handled and used including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Steroplast Healthcare Limited.

We assume no legal responsibility for the use or reliance upon this information.