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

* 1. **Product Identifier**

Product NameBurnshield Sterile Burn Dressings

Sizes 10cm x 10cm, 20cm x 20cm & 40cm x 60cm

 Digit Dressings & Limb Dressings

* 1. **Relevant identified uses of the substance or mixture and uses advised against**

Identified UseEmergency treatment of all types of Burn wounds and scalds

**Chemical Burns:**

* Flush affected area for 10-15 minutes to neutralise acid/alkaline
* Additional flushing of area if the eyes are involved (extra 3-5 minutes)
* Apply Burnshield to the affected area and treat as you would for normal heat burns
* Seek medical attention if no improvement within 24-36 hours

**Electrical Burns:**

* Switch off the power source and remove patient from the source
* Look for BOTH Entry & Exit points of the arc/flash
* Cover entire area between the Entry & Exit points
* Treat as you would for Heat burns
* Seek medical attention if no improvement within 24-36 hours
	1. **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. **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**

**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)

**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 and 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

**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 Pouch 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

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Form Pouches containing Burnshield Gel in multilayered aluminium pouch

 Colour White to colourless

 Odour of Tea Tree Oil (Medical Scent)

 Density Approx 1.000g/cm3 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.

**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

**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

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.