



# SAFETY DATA SHEET

## Surgical Spirit BP

Revision date: 14.08.17

SDS/491/5

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*This product is sold as a licensed medicine and as such is exempt from Regulations EC 1272/2008 and 1907/2006*

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Surgical Spirit BP

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

For prevention of bed sores and for hardening the skin of the feet.

#### 1.3. Details of the supplier of the safety data sheet

Thornton & Ross Ltd, Linthwaite, Huddersfield, HD7 5QH

Tel: 01484 842217 Fax: 01484 847301 Email: [sds@thorntonross.com](mailto:sds@thorntonross.com)

#### 1.4. Emergency telephone number:

Out of normal working hours: +44 (0)1484 848164

### 2. Hazards identification

#### 2.1. Classification of the substance or mixture

According to Regulation 1272/2008 classified Flammable Liquid Category 2, Single Target Organ Toxicity category 2.

#### 2.2. Label elements

GHS Pictogram



Signal Word

Danger

Hazard Class

Flam. Liq. 2  
STOT SE 2

#### Hazard statements

H225: Highly flammable liquid and vapour  
H371: May cause damage to organs

#### Precautionary statements

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P260: Do not breathe dust/fume/gas/mist/vapours/spray

#### 2.3. Other Hazards

N/A

### 3. Composition/information on ingredients

#### 3.2 Mixtures

Substance	CAS- No	%	Hazard class	H statements
Castor oil	8001-79-4	1-5	-	-
Methyl salicylate	119-36-8	0-1	Ac Tox 4	302
Diethyl phthalate	84-66-2	1-5	-	-
Industrial methylated spirit	-	50-100	Flam Liq 2, STOT SE 2	225, 371



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### 4. First aid measures

#### 4.1. Description of first aid measures

*Eyes* – Rinse with plenty of water for at least 10 minutes. Get medical attention if irritation persists.

*Ingestion* – Wash out mouth with water. Get medical attention.

*Skin* – Wash skin thoroughly with water and soap. If irritation persists seek medical advice.

*Inhalation* – Remove from exposure and get fresh air. If symptoms develop get medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

Ingestion or inhalation of large amounts may cause CNS depression, nausea, vomiting and loss of consciousness. Aspiration during swallowing may cause lung damage.

#### 4.3. Indication of any immediate medical attention and special treatment needed

If not sure about any symptoms contact a doctor or emergency service.

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

*Suitable extinguishing media* – Foam, carbon dioxide or powder extinguishers.

*Unsuitable extinguishing media* – Do not use water jet.

#### 5.2. Special hazards arising from the substance or mixture

Carbon dioxide, carbon monoxide and alcohol fumes produced on combustion.

#### 5.3. Advice for fire-fighters

Wear self contained breathing apparatus and protective clothing.

### 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Extinguish sources of ignition. Wear appropriate protective clothing, Avoid inhalation, contact with skin and eyes.

#### 6.2. Environmental precautions

Prevent material entering drains and watercourses. Advise local authorities if spillage has entered watercourses and sewer.

#### 6.3. Methods and material for containment and cleaning up

Absorb onto inert material and transfer to suitable containers for disposal by a licensed waste contractor.

#### 6.4. Reference to other sections

See section 8 for protective equipment requirements.



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#### 7. Handling and storage

##### 7.1. Precautions for safe handling

Avoid inhalation, contact with skin and eyes.

##### 7.2. Conditions for safe storage, including any incompatibilities

Store below 25°C away from sources of ignition.

##### 7.3. Specific end use(s)

Medicine

#### 8. Exposure controls/personal protection

##### 8.1. Control parameters

LTEL 1000 ppm, (as ethanol)

##### 8.2. Exposure controls

*Engineering Controls* – provide adequate ventilation.

*Eye/face Protection* – safety glasses

*Hand protection* – rubber gloves.

*Skin protection* – overalls must be worn when handling large quantities.

*Other protection* – N/A.

*Respiratory protection* – if ventilation is insufficient, wear respiratory protection.

#### 9. Physical and chemical properties

##### 9.1. Information on basic physical and chemical properties

*Appearance* – clear, colourless liquid

*Explosive limit % (Upper)* – not available

*Odour* – of methyl salicylate and alcohol

*Explosive limit % (lower)* – not available

*pH* – not available

*Vapour pressure* – not available

*Melting Point/freezing point* – not available

*Vapour density (air=1)* – not available

*Boiling point* – not available

*Relative density* – 0.815 – 0.826

*Flash point* – 12°C

*Solubility* – miscible with water

*Evaporation rate* – not available

*Partition coefficient* – not available

*Flammability* – not available

*Auto ignition temperature* – not available

*Decomposition temperature* – not available

*Oxidising properties* – not available

*Viscosity* – not available

*Explosive properties* – not available

##### 9.2. Other information

Not available

#### 10. Stability and reactivity

##### 10.1. Reactivity

Stable under normal conditions



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### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

Will react violently with concentrated nitric and sulphuric acid.

### 10.4. Conditions to avoid

High temperatures, sources of ignition.

### 10.5. Incompatible materials

Strong acids, oxidising agents.

### 10.6. Hazardous decomposition products

Oxides of carbon and nitrogen.

## 11. Toxicological information

### 11.1. Information on toxicological effects

*Acute toxicity* – data not available

*Irritation* – data not available

*Corrosivity* – data not available

*Sensitization* – data not available

*Repeated dose toxicity* – data not available

*Carcinogenicity* – data not available

*Mutagenicity* – data not available

*Reproductive toxicity* – data not available

## 12. Ecological information

### 12.1. Toxicity

Data not available

### 12.2. Persistence and degradability

Data not available

### 12.3. Bioaccumulative potential

Data not available.

### 12.4. Mobility in soil

Data not available.

### 12.5. Results of PBT and vPvB assessment

Data not available

### 12.6. Other adverse effects

N/A



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**13. Disposal considerations**

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

**14. Transport information**

**14.1. UN number**

1170

**14.2. UN proper shipping name**

Ethanol solution

**14.3. Transport hazard class(es)**

3

**14.4. Packing group**

II

**14.5. Environmental hazards**

N/A

**14.6. Special precautions for user**

N/A

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

N/A

**15. Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not regulated by specific legislation.

**15.2. Chemical Safety Assessment**

Not available

**16. Other information**

**16.1. Reason for change**

Update to telephone number in Section 1.

**16.2. Source of information**

Supplier's safety data sheets

**16.3. Hazard statements from section 3**

H225: Highly flammable liquid and vapour

H302: Harmful if swallowed

H371: May cause damage to organs