



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

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

Odour – of methyl salicylate and alcohol

pH – not available

Melting Point/freezing point – not available

Boiling point – not available

Flash point – 12°C

Evaporation rate – not available

Flammability – not available

Decomposition temperature – not available

Viscosity – not available

Explosive limit % (Upper) – not available

Explosive limit % (lower) – not available

Vapour pressure – not available

Vapour density (air=1) – not available

Relative density – 0.815 – 0.826

Solubility – miscible with water

Partition coefficient – not available

Auto ignition temperature – not available

Oxidising properties – 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