

# Safety Data Sheet

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

**Product Name:** Surgical Spirit  
**Product Code:** SPB0390D

Group F

**Application of the mixture:** Inflammable products: preping products, setting lotions, pump sprays and other styling products.

**CAS No:** 64-17-5

**Company Name and Address:**

Bellitas Ltd,  
Unit 12 Prospect Drive,  
Britannia Enterprise Park,  
Lichfield,  
Staffs.  
WS14 9UX

**Emergency Telephone No: +44 (0) 1543 416611**

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to EC 1272/2008  
H225 Highly flammable liquid and vapour  
H319 Causes serious eye irritation

The full text for all Risk Phrases and Hazard Statements are displayed in section 16

### 2.2 Label Elements



GHS02: Flammable



GHS07: Harmful

**Signal word:** DANGER

**Hazard Statements:**

H225 Highly flammable liquid and vapour  
H319 Causes serious eye irritation

**Precautionary Statements:**

P233: Keep container tightly closed.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable – product is a mixture

### 3.2 Mixtures/Ingredients

Alcohol Denat. Aqua (Water), Ricinus Communis (Castor) Oil, Methyl Salicylate.

| Name/Form.     | CAS / EC No.            | Concentration | Classification |
|----------------|-------------------------|---------------|----------------|
| 126            | 64-17-5<br>200-578-6    | >60%w/w       | H226<br>H320   |
| Main Active(s) | Alcohol Denat. (95.48%) |               |                |

The full text for all R-Phrases and Hazard Statements are displayed in section 16

# Safety Data Sheet

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**Inhalation** Breath fresh air, if dizziness or shortness of breath persists seek medical advice.

**Skin Contact** Wash well with water; if irritation persists seek medical advice.

**Eye Contact** Wash well with water; if irritation persists seek medical advice.

**Accidental Ingestion** Do not induce vomiting, drink copious amounts of water. Seek medical help.

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

**Inhalation** Symptoms unlikely from small amounts, but inhalation of large amounts may cause headaches, dizziness, unconsciousness

**Skin Contact** Prolonged skin contact may cause drying of the skin

**Eye Contact** If liquid gets into the eyes it may cause redness, stinging, watering of the eye

**Ingestion** Ingestion of the liquid may cause irritation to the throat and mouth, and symptoms similar to inhalation

### 4.3 Indication of any immediate and any special treatment needed

**Immediate / special treatment** Symptomatic treatment as required

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Use:** Extinguish with sand, earth, water spray, powder or CO2 extinguisher

**Avoid:** High pressure water jet as this may spread the fire

### 5.2 Special Hazards arising from the substance or mixture

Unusual fire and explosion hazards

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures

Formation of toxic gases is possible during heating or in the case of a fire: Carbon monoxide (CO).

### 5.3 Advice for firefighters

Protective equipment for firefighters

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away

Fire water run off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water

### Additional information

Cool endangered receptacles with water spray

## SECTION 6: Accidental release measures

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

Avoid inhalation and contact with skin and eyes. Wear gloves when handling spillages.

### 6.2 Environmental precautions

Avoid spreading of the material. Contain spillages with sand, earth or suitable inert absorbent material. Prevent further spillages.

Do not allow to penetrate the ground/soil, enter drains or water courses. Cover drains. In the case of contamination of water courses or sewers advise the Environmental Agency, fire brigade and police.

### 6.3 Methods and materials for containment and cleaning up

Absorb with liquid binding material, vermiculite, sand, earth or suitable inert absorbent material.

Rinse site with copious amounts of water, which should not be allowed into drains, sewers or watercourses

Ensure adequate ventilation

### 6.4 Reference to other sections

See section 7 for information on safe handling

See section 8 for information on protective equipment

See section 13 for disposal information

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Eye wash facilities and emergency shower must be available when handling this product. Avoid spilling, contact with the eyes and prolonged contact with the skin. Do not breathe the vapour or fumes. Use suitable protective clothing (see section 8). Wash thoroughly after handling.

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

#### Storage

Store in its original, tightly closed, labelled container in a cool, well ventilated area, away from heat, sparks and any other sources of ignition. Keep out of reach of children and animals. Not suitable for storage in aluminium containers.

#### Incompatibilities

Store away from oxidising agents.

Store away from alkalis (caustic solution).

Store away from acids.

### 7.3 Specific end use(s)

No special precautions.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Workplace exposure limits

| Name             | Std | TWA 8 hour exposure limit | STEL 15 minute exposure limit | Source/Type      |
|------------------|-----|---------------------------|-------------------------------|------------------|
| <b>DNELS</b>     |     | Worker                    |                               | Consumer         |
| Human oral       |     | Systemic affects          |                               | Systemic effects |
| Human dermal     |     | none stated               |                               |                  |
| Human inhalation |     |                           |                               |                  |
| Human inhalation |     |                           |                               |                  |

#### PNECS

PNEC Aqua (Freshwater)

PNEC Aqua (Marine)

PNEC Sediment

PNEC Soil

### 8.2 Exposure controls

|                                     |                                                                                                                                                                                                                                                                             |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering measures                | Provide eyewash station.                                                                                                                                                                                                                                                    |
| Respiratory protection              | If ventilation is insufficient suitable respiratory equipment must be provided.                                                                                                                                                                                             |
| Hand protection                     | For prolonged contact with the product, suitable protective gloves conforming to EN374 should be worn. Seek recommendations from manufacturer or supplier.                                                                                                                  |
| Eye protection                      | Contact lenses should not be worn when working with this chemical. Wear approved safety goggles.                                                                                                                                                                            |
| Skin protection                     | Minimise all forms of skin contact. Wash promptly if skin becomes contaminated. Wear suitable protective clothing. Promptly remove non-impervious clothing that becomes contaminated. Launder overalls and under garments regularly. When using do not eat, drink or smoke. |
| Other protective & hygiene measures | Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.                                                                                                                                                                             |

## SECTION 9: Physical and chemical properties

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

|                                        |                                 |
|----------------------------------------|---------------------------------|
| Appearance                             | Mobile liquid.                  |
| Odour                                  | Fragranced with perfume.        |
| Odour threshold                        | Not determined                  |
| pH value                               | pH 6.0 - 8.0                    |
| Solubility in water                    | Soluble or dispersible in water |
| Initial boiling point/boiling range °C | 78°C (ethanol)                  |
| Melting Point / range °C               | None specified                  |
| Flash point °C                         | 15°Ccc                          |
| Upper/lower flammability limits        | Typically 2-12%                 |
| Vapour pressure at 20°C                | None specified                  |
| Vapour density at 20°C                 | 1                               |
| Auto ignition temperature °C           | None specified                  |
| Alcohol content                        | >60%w/w                         |
| Specific gravity                       | 0.83 - 0.97                     |
| Viscosity at 20°C                      | Mobile liquid                   |

### 9.2 Other information

None

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Not considered to be reactive

### 10.2 Chemical stability

Stable under normal conditions and storage. See section 7

### 10.3 Possibility of hazardous reactions

Explosive reactions with oxidising agents such as calcium carbonate and or peroxides. Reacts with strong oxidising agents. Reacts with strong acids. High temperatures, flames and other sources of ignition.

### 10.4 Conditions to avoid

Strong oxidising agents, strong acids, Al, amines, alkalis.

### 10.5 Incompatible materials

Toxic gases or vapours, carbon monoxide and carbon dioxide.

### 10.6 Hazardous decomposition products

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

Acute toxicity                      This product has not been subjected to toxicity testing.

Inhalation                      In high concentrations vapours may cause headache, fatigue, dizziness and nausea

Skin contact                      Prolonged and frequent exposure may cause skin dryness and cracking

Ingestion                      Gastrointestinal symptoms, including upset stomach

Eye contact                      Irritating to the eyes

**Comments**                      This product has been assessed as safe to use under normal conditions of use and according to instructions.

## SECTION 12: Ecological information

This product has not been subjected to toxicological testing. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

This product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

### 12.1 Toxicity

Toxicity to fish                      No data available.

Toxicity to invertebrates                      No data available.

Toxicity to algae                      No data available.

### 12.2 Persistence and degradability

Readily biodegradable.

### 12.3 Bioaccumulation

No data available.

### 12.4 Mobility in soil

No further relevant information available

### 12.5 Results of PBT and vPvB assessment

Not applicable

### 12.6 Other adverse effects

No further relevant information available

## SECTION 13: Disposal considerations

Do allow the product to reach the sewerage system or waterways.

Empty containers may contain residual product and flammable vapours. Keep away from sparks, heat and sources of ignition.

Product is hazardous waste. Disposal must be by means of a licenced waste contractor.

# Safety Data Sheet

## SECTION 14: Transport information

### 14.1 UN number

UN No. (ADR/RID/IMDG/IATA)

UN1170

### 14.2 UN proper shipping name

Ethanol Solution

### 14.3 Transport hazard class(es)

ADR, IMDG, IATA

3 Flammable liquids  
3 Label Class

### 14.4 Packing group

II (ADR/RID/AND/IMDG/ICAO,IATA)

### 14.5 Environmental hazards

Marine pollutant

No

### 14.6 Special precautions for user

Danger code (Kemlar)/hazard no. (ADR)

33

EMS no.

F-E, S-D

Tunnel restriction code

D/E

### 14.7 Transport in bulk according to annex II of Marpol and the IBC Code

Not applicable

### 14.8 Additional information

Limited quantities (LQ)

1 Litre(s)

EC N°

200-578-6

## SECTION 15: Regulatory information

### 15.1 Safety, health and environment regulations/legislation specific for the substance or mixture

All components are listed as existing substances in Europe

### 15.2 Chemical safety assessment

A product Safety Assessment has been carried out in accordance with EC 1223/2009, Cosmetic Product Safety Regulations.

## SECTION 16: Other information

Classification of the mixture is in general based on calculation method using substance data, as required by (EC) 1272/2008

### Abbreviations and acronyms used in the safety data sheet

|            |                                                                       |
|------------|-----------------------------------------------------------------------|
| CAS No     | Chemical Abstracts Service number                                     |
| DNEL       | Derived No-Effect Level                                               |
| EC         | European Community                                                    |
| EEC        | European Economic Community                                           |
| EMS No     | Emergency Response Procedure number                                   |
| Eye Irrit. | Eye Irritant                                                          |
| Flam. Liq. | Flammable Liquid                                                      |
| hPa        | 1 hPa = 100 Pa (Pascal)                                               |
| LC50       | Lethal Concentration, 50%                                             |
| LD50       | Lethal Dose, 50%                                                      |
| PBT        | Persistent, Bio accumulative and Toxic                                |
| PNEC       | Predicted No-Effect Concentration                                     |
| Ppm        | Parts Per Million                                                     |
| REACH      | Registration, Evaluation, Authorisation and Restrictions of Chemicals |
| STOT       | Specific Target Organ Toxicity                                        |
| vPvB       | Very Persistent and Very Bio accumulative                             |
| WEL        | Workplace Exposure Limit                                              |

### Hazardous and Precautionary Statements in full used in section 2 and 3

#### Hazard Statements:

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

#### Precautionary Statements:

P233: Keep container tightly closed.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Version 20: 1

Issue Date: 04/02/2021

WE BELIEVE THAT THE INFORMATION CONTAINED HEREIN IS CURRENT AS OF THE DATE OF THIS SAFETY DATA SHEET.  
IT IS THE USERS OBLIGATION TO DETERMINE CONDITIONS OF SAFE USE OF THIS PRODUCT.