

SECTION 1: Identification of the substance/mixture and company

1.1. Product Identifier

Product code: DS700

Name: Dentigel

1.2. Product Uses

Alcohol based gel hand disinfectant. Not for use on broken or irritated skin.

1.3. Supplier

Dentisan
Bateman Street
Derby

DE23 8JL

Phone: 01332 268526

Web: www.dentisan.co.uk

Fax: 01332 295941

Email: info@dentisan.co.uk

1.4. Emergency telephone number

Emergency Telephone Number: 01332 292402

SECTION 2: Hazards identification (Undiluted product)

2.1. Classification of the mixture

According to 1272/2008

Health Hazards: Not Classified

Physical Hazards: Flam. Liq. 2

Environmental Hazards: Not Classified

2.2. Label elements

According to 1272/2008

Danger



H225 Highly flammable liquid and vapour

P102 Keep out of reach of children.

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

P233 Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/ information on ingredients

Material	CAS number	Level	Hazards (see section 16)	
Ethanol, ethyl alcohol	64-17-5	>70% v/v	Flam. Liq. 2	H225
(substance with national workplace exposure limit) (GB, IE)				

SECTION 4: First aid measures

4.1. Description of first aid measures

- Eye contact: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance if irritation persists.
- Skin contact: This product is designed for skin contact.
- Inhalation: Remove person to fresh air and keep comfortable for breathing.
- Ingestion: Do not induce vomiting. If conscious, give water to drink. Seek medical assistance immediately.

First aider PPE: As required to prevent contact. See section 8.2.

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

- Eye hazard: Will cause irritation.
- Skin hazard: Designed for skin contact. No skin hazard in normal use.
- Respiratory hazard: Excessive exposure may cause irritation of the respiratory tract, headache, dizziness and nausea.
- Other hazards: Ingestion: May cause a light irritation of the linings of the mouth, throat and gastrointestinal tract.

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

No special treatment or attention required additional to section 4.2.

SECTION 5: Fire fighting measures

Flammability hazard: Highly flammable.

5.1. Extinguishing media

Use foam, dry powder or carbon dioxide.

5.2. Special hazards arising from the mixture

Flammable liquid and vapour.

5.3. Advice for firefighters

No special measures arising from the mixture.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Take precautions to avoid contact. Use Personal Protective Equipment as detailed in section 8
Exclude sources of ignition, provide ventilation. Spillage may make floors slippery. Keep the area clear. Observe regulations.

6.2. Environmental precautions

Prevent spills from entering water courses.

6.3. Methods and material for containment and cleaning up

Exclude sources of ignition, provide ventilation.
Take precautions to avoid contact. Spillage may make floors slippery. Keep the area clear. Observe regulations.
Absorb using sand or other inert material and transfer to suitable containers for disposal.

6.4. Reference to other sections

Observe the advice given in sections 8 and 13

SECTION 7: Handling and storage

Shelf life: 24 months in original sealed containers.

7.1. Precautions for safe handling

Do not mix with other products. Observe good industrial hygiene.

Keep away from sources of ignition. Provide ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry place protected from frost and away from acids, strong oxidising agents and sources of ignition. Store upright in original containers.

7.3. Product Uses

For use on clean hands. Apply a small amount to the hands and rub in until dispersed, ensuring complete coverage. Do not use on broken or irritated skin.

Please refer to product safety data sheet before use. Use only as directed.

INGREDIENTS: Alcohol denat, Aqua (Water), Carbomer, PEG-7 Glyceryl cocoate, Ethanolamine.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits

Ethanol, ethyl alcohol (CAS 64-17-5)	1000ppm	WEL 8 hour TWA
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8.2. Exposure controls

These measures are suggested on the basis of general use methods and may not be appropriate to all potential uses of the product. The user is responsible for carrying out a full risk assessment of their specific processes and systems of work.

Eye protection: Wear eye protection appropriate to the process according to BS EN 166.

Hand protection: This product is designed for hand contact.

Body protection: None required for normal conditions of use.

Respiratory protection: None required for normal conditions of use.

Other protection:

Personal protective equipment:

Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.

Environmental protection: Prevent mixture from entering water courses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Colourless liquid

Odour: Characteristic, alcohol

pH (typical): 7 (typical)

Initial boiling point: 78°C (typical)

Flash point: 18°C (typical)

Auto-ignition temp: Not determined

Viscosity: Flowable gel

Explosive properties: Not determined

Oxidising properties: Not determined

Vapour pressure: Not determined

Solubility: Not determined

Relative density at 20° C (typical): 0.87 (typical)

9.2. Other information

SECTION 10: Stability and reactivity

- 10.1. Reactivity** Flammable liquid and vapour
- 10.2. Chemical stability** Stable under recommended storage conditions.
- 10.3. Possibility of hazardous reactions** No additional information available
- 10.4. Conditions to avoid** No flames, no sparks. Eliminate all sources of ignition
- 10.5. Incompatible materials** Flammable liquid and vapour
- 10.6. Hazardous decomposition products** May produce toxic fumes in fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	Based on available data, the classification criteria are not met.
Skin corrosion/ irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/ irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT single exposure:	Based on available data, the classification criteria are not met.
STOT repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration toxicity:	Based on available data, the classification criteria are not met.

Routes of exposure/ symptoms

Eye contact:	Will cause irritation.
Skin contact:	Designed for skin contact. No skin hazard in normal use.
Inhalation:	Excessive exposure may cause irritation of the respiratory tract, headache, dizziness and nausea.
Ingestion:	May cause a light irritation of the linings of the mouth, throat and gastrointestinal tract.

SECTION 12: Ecological information

- 12.1. Toxicity** Water based product. All organic ingredients are biodegradable when well diluted.
- 12.2. Persistence and degradability** All organic ingredients are biodegradable when well diluted.
- 12.3. Bioaccumulative potential** Not expected to bioaccumulate
- 12.4. Mobility in soil** This product has high water solubility
- 12.5. Results of PBT and vPvB assessment** Contains no ingredients classified as PBT or vPvB.
- 12.6. Other adverse effects** No other adverse effects are anticipated.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of surplus product and packaging via a licenced chemical waste contractor.

SECTION 14: Transport information

- 14.1. UN number** 1170 **14.2. UN proper shipping name** Ethanol solution (Ethyl Alcohol Solution)
- 14.3. Transport hazard class(es)** 3 **14.4. Packing group** II
- 14.5. Environmental hazards** Not classified as environmentally hazardous for transport
- 14.6. Special precautions for user** No specific precautions.
- 14.7. Transport in bulk according to Annex II of MARPOL 7 3/78 and the IBC Code** Not available for bulk transport.

SECTION 15: Regulatory information

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

Contents according to (EC) regulation No.648/2004 on detergents:

15.2. Chemical safety assessment A chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements relating to ingredients (see section 3)

H225 Highly flammable liquid and vapour

Ingredients: Alcohol denat, Aqua (Water), Carbomer, PEG-7 Glyceryl cocoate, Ethanolamine.

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This product should be stored, handled and used in accordance with good industrial practice and in conformity with legal regulations. The information in this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties. It is for users to satisfy themselves of the suitability of this product for their own applications.

