



## SAFETY DATA SHEET

### Florafree Alcolgel

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

##### 1.1. Product identifier

**Product name** Florafree Alcolgel  
**Product number** fag50ml,FHY36MG,FHY36MGRS,FHY39V,FSP1PROM,6170

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

**Identified uses** PT1 Human Hygiene Biocidal Product . For full details regarding recommended uses please refer to the product label.

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

**Supplier** Deb Ltd  
 Denby Hall Way  
 Denby  
 Derbyshire  
 DE5 8JZ  
 Main Tel. 01773 855100  
 Technical Tel 01773 855105  
 reach@deb.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** National Poisons Information Service (UK) 0844 8920111 National Poisons Information Centre (Eire) 01-8092566/8379964

#### SECTION 2: Hazards identification

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

###### Classification

**Physical hazards** Flam. Liq. 2 - H225  
**Health hazards** Eye Irrit. 2 - H319  
**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** Xi;R41. F;R11.

**Human health** Irritating to eyes.

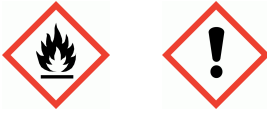
**Environmental** The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

**Physicochemical** The product is flammable. Heating may generate flammable vapours.

##### 2.2. Label elements

# Florafree Alcogel

## Pictogram



## Signal word

Danger

## Hazard statements

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.

## Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container in accordance with national regulations.

## Supplemental label information

Eye protection not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.  
BPR001 Use biocides safely. Always read the label and product information before use.

## Supplementary precautionary statements

P233 Keep container tightly closed.

## 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Composition comments

The data shown are in accordance with the latest EC Directives.

#### INCI

Alcohol Denat.  
Aqua  
Propyl Alcohol  
Glycerin  
Panthenol  
Acrylates/C10-30 Alkyl Acrylate Crosspolymer  
Triisopropanolamine

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Get medical attention if any discomfort continues.

#### Inhalation

Due to the small packaging, the risk of inhalation is minimal.

#### Ingestion

DO NOT induce vomiting. Get medical attention immediately.

#### Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

#### Inhalation

No specific symptoms known.

#### Ingestion

May cause nausea, headache, dizziness and intoxication.

#### Skin contact

None known.

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**Eye contact** May cause severe eye irritation.

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

**Notes for the doctor** No specific recommendations.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Water spray, fog or mist. Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.

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

**Specific hazards** Highly flammable liquid and vapour. May form explosive mixture with air at very high concentration.

**Hazardous combustion products** Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m<sup>3</sup>. Oxides of carbon.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Cool containers exposed to flames with water until well after the fire is out.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame. Avoid contact with eyes.

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

**Storage precautions** Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

**Storage class** Flammable liquid storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

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### 8.1. Control parameters

**Ingredient comments** None.

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls** Not relevant.

**Eye/face protection** Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.

**Hand protection** Hand protection not required.

**Hygiene measures** DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated.

**Respiratory protection** Not relevant.

## SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not determined. Not determined.
<b>pH</b>	pH (concentrated solution): 6.5-7.5
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	19 Deg C°C
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined. : : Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	Not determined.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not determined.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

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Other information                      None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity**                              There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability**                                No particular stability concerns.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions**      Not known.

#### 10.4. Conditions to avoid

**Conditions to avoid**                      Avoid heat, flames and other sources of ignition.

#### 10.5. Incompatible materials

**Materials to avoid**                      No specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products**      Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m<sup>3</sup>. Oxides of carbon.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)**                      Based on available data the classification criteria are not met.

##### Skin corrosion/irritation

**Animal data**                                Based on available data the classification criteria are not met.

##### Serious eye damage/irritation

**Serious eye damage/irritation**      Highly irritating. OECD 438

##### Respiratory sensitisation

**Respiratory sensitisation**                Based on available data the classification criteria are not met.

##### Germ cell mutagenicity

**Genotoxicity - in vivo**                      Does not contain any substances known to be mutagenic.

##### Carcinogenicity

**Carcinogenicity**                              Does not contain any substances known to be carcinogenic.

##### Reproductive toxicity

**Reproductive toxicity - development**      Does not contain any substances known to be toxic to reproduction.

##### Specific target organ toxicity - single exposure

**STOT - single exposure**                      No information available.

##### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure**                No information available.

##### Aspiration hazard

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<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b>General information</b>	No specific health hazards known.
<b>Inhalation</b>	No specific health hazards known.
<b>Ingestion</b>	May cause nausea, headache, dizziness and intoxication.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended.
<b>Eye contact</b>	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

### SECTION 12: Ecological Information

**Ecotoxicity** The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

#### 12.1. Toxicity

**Toxicity** The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

#### 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

#### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Reuse or recycle products wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Dispose of waste via a licensed waste disposal contractor.

### SECTION 14: Transport information

#### 14.1. UN number

**UN No. (ADR/RID)** 1987

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UN No. (IMDG) 1987

UN No. (ICAO) 1987

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

Proper shipping name (IMDG) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

Proper shipping name (ICAO) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

Proper shipping name (ADN) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

### 14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID label 3

IMDG class 3

ICAO class/division 3

#### Transport labels



### 14.4. Packing group

ADR/RID packing group II

IMDG packing group II

ICAO packing group II

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-E, S-D

Emergency Action Code •3YE

Hazard Identification Number (ADR/RID) 33

Tunnel restriction code (D/E)

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

## SECTION 15: Regulatory information

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

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<b>EU legislation</b>	<p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</p> <p>Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.</p> <p>Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).</p> <p>REGULATION (EU) No 528/2012 (as amended) concerning the making available on the market and use of biocidal products.</p>
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**Water hazard classification**      WGK 1

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>General information</b>	Use biocides safely. Always read the label and product information before use. Only trained personnel should use this material.
<b>Key literature references and sources for data</b>	Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.
<b>Revision comments</b>	SDS amended in line with REGULATION (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (as amended)
<b>Revision date</b>	18/05/2015
<b>Revision</b>	1
<b>Risk phrases in full</b>	R11 Highly flammable R41 Risk of serious damage to eyes. R67 Vapours may cause drowsiness and dizziness.
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
<b>Notes for Risk Phrases and Hazard Statements in Full</b>	The full text for Risk Phrases and Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.