

## SAFETY DATA SHEET

### Janitol Florafresh

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

##### 1.1. Product identifier

**Product name** Janitol Florafresh  
**Product number** FLH60P, FLH60PRS, 7118559

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

**Identified uses** Detergent.

##### 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  
sdsuk@debgroup.com

##### 1.4. Emergency telephone number

**Emergency telephone** National Poisons Information Service (UK) 0344 8920111 (Health Professionals only)  
National Poisons Information Centre (Eire) 01-8092566/8379964

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Skin Irrit. 2 - H315 Eye Dam. 1 - H318  
**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

##### 2.2. Label elements

###### Pictogram



**Signal word** Danger

**Hazard statements** H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.  
EUH208 Contains 4-TERTIARY-BUTYLCYCLOHEXYL ACETATE. May produce an allergic reaction.

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<b>Precautionary statements</b>	<p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Contains</b>	ALCOHOL (C9-11) ETHOXYLATE (8EO), ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE
<b>Detergent labelling</b>	< 5% disinfectants, < 5% non-ionic surfactants, < 5% perfumes, Contains 4-TERTIARY-BUTYLCYCLOHEXYL ACETATE
<b>Supplementary precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p>

### 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

<b>ALCOHOL (C9-11) ETHOXYLATE (8EO)</b> CAS number: 68439-46-3	<b>1-3%</b>
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318	
<b>ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE</b> CAS number: 68424-85-1      EC number: 270-325-2 M factor (Acute) = 10      M factor (Chronic) = 1	<b>1-3%</b>
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
<b>4-TERTIARY-BUTYLCYCLOHEXYL ACETATE</b> CAS number: 32210-23-4	<b>0.1-0.3%</b>
<b>Classification</b> Skin Sens. 1B - H317	

The full text for all hazard statements is displayed in Section 16.

## SECTION 4: First aid measures

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### 4.1. Description of first aid measures

Inhalation	Not relevant. Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Wash with plenty of water.
Eye contact	Remove any contact lenses and open eyelids wide apart. Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	This product is moderately irritating.
Eye contact	Irritation of eyes and mucous membranes.

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

Notes for the doctor	No specific recommendations.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
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### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	No known hazardous decomposition products.
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### 5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
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## 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. Avoid contact with eyes.
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### 6.2. Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Flush away spillage with plenty of water. Avoid contamination of ponds or watercourses with washing down water. Absorb spillage with non-combustible, absorbent material. Do not discharge into drains or watercourses or onto the ground.
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### 6.4. Reference to other sections

Reference to other sections	For waste disposal, see Section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions	Avoid contact with skin and eyes.
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### 7.2. Conditions for safe storage, including any incompatibilities

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**Storage precautions** Store in closed original container at temperatures between 0°C and 30°C.

### 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

### 8.1. Control parameters

**Ingredient comments** None.

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls** Not relevant.

**Eye/face protection** Wear eye protection. Personal protective equipment for eye and face protection should comply with European Standard EN166.

**Hand protection** The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

**Hygiene measures** Wash hands after contact.

**Respiratory protection** Not relevant.

## SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Liquid
<b>Colour</b>	Green.
<b>Odour</b>	Fragrant
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 7.5
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Scientifically unjustified.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.01 @ °C
<b>Solubility(ies)</b>	Miscible with water
<b>Partition coefficient</b>	Data lacking.

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<b>Auto-ignition temperature</b>	Scientifically unjustified.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Scientifically unjustified.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

<b>Other information</b>	No information required.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not known.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	No known hazardous decomposition products.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

<b>ATE oral (mg/kg)</b>	33,333.33
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#### Acute toxicity - dermal

<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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<b>ATE dermal (mg/kg)</b>	110,000.0
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#### Skin corrosion/irritation

<b>Animal data</b>	Moderately irritating.
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#### Serious eye damage/irritation

<b>Serious eye damage/irritation</b>	Risk of serious damage to eyes.
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#### Skin sensitisation

<b>Skin sensitisation</b>	Based on available data the classification criteria are not met.
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#### Germ cell mutagenicity

<b>Genotoxicity - in vivo</b>	Does not contain any substances known to be mutagenic.
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#### Carcinogenicity

<b>Carcinogenicity</b>	Does not contain any substances known to be carcinogenic.
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### 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

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

**Inhalation** No specific health hazards known.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Skin irritation should not occur when used as recommended.

**Eye contact** Irritating to eyes.

## SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

**Toxicity** The product is not expected to be hazardous to the environment.

### 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** Data lacking.

### 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** When handling waste, the safety precautions applying to handling of the product should be considered.

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<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. No specific disposal method required. Reuse or recycle products wherever possible.
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### SECTION 14: Transport information

**Road transport notes** Not classified.

**Rail transport notes** Not classified.

**Sea transport notes** Not classified.

**Air transport notes** Not classified.

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

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

Not applicable.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

### SECTION 15: Regulatory information

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

**EU legislation** 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).  
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).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**Key literature references and sources for data** 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.

## Janitol Florafresh

<b>Revision comments</b>	Revised formulation.
<b>Revision date</b>	12/07/2018
<b>Revision</b>	8
<b>Supersedes date</b>	19/10/2016
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. EUH208 Contains 4-TERTIARY-BUTYLCYCLOHEXYL ACETATE. May produce an allergic reaction.
<b>Notes for Hazard Statements in Full</b>	The full text for 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.