

## KLEENEX® Frequent Use Hand Cleanser

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

#### 1.1 Product identifier

Trade name : KLEENEX® Frequent Use Hand Cleanser  
Product code : 6333

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

Use of the Sub-  
stance/Mixture : Skin-care

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

Company : Kimberly-Clark Europe Limited  
40 London Road  
Reigate  
Surrey RH2 9QP  
United Kingdom  
Telephone : +44 1737 736000  
Telefax : +44 1737 736670  
E-mail address Respon-  
sible/issuing person : sdscontact@kcc.com

#### 1.4 Emergency telephone number

: +44 1865 407333  
This telephone number is available 24 hours per day, 7 days  
per week.

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Cosmetic products in the finished form, intended for the final user are not subject to the EC Legis-  
lation relating to the classification, packaging and labelling of dangerous preparations.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

No labeling elements required.

##### Additional Labelling:



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In case of skin contact : Not required under normal use.

In case of eye contact : Flush eyes with water as a precaution.  
If eye irritation persists, consult a specialist.

If swallowed : Do NOT induce vomiting.

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

None known.

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

Treatment : No hazards which require special first aid measures.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

Hazardous combustion products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Product contains a high percentage of water.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## SECTION 6: Accidental release measures

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

Personal precautions : Material can create slippery conditions.

### 6.2 Environmental precautions

Environmental precautions : No special environmental precautions required.

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

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : No special handling advice required.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

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

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage : No special restrictions on storage with other products.

Other data : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

Specific use(s) : Skin-care

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

##### Personal protective equipment

Eye protection : Not required under normal use.

Hand protection  
Remarks : not required under normal use

Skin and body protection : Not required under normal use.

Respiratory protection : Not required under normal use.

Protective measures : No special protective equipment required.

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### SECTION 9: Physical and chemical properties

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

Appearance : liquid

pH : 5.5

#### 9.2 Other information

No data available

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Stable under recommended storage conditions.

#### 10.2 Chemical stability

No decomposition if stored and applied as directed.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : None known.

#### 10.4 Conditions to avoid

Conditions to avoid : No data available

#### 10.5 Incompatible materials

Materials to avoid : None.

#### 10.6 Hazardous decomposition products

Stable under recommended storage conditions.

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

##### Product:

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

##### Components:

##### **OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Acute oral toxicity : LD50 Oral: > 2,000 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 Dermal (Rat, male and female): >= 2,000 mg/kg  
Method: OECD Test Guideline 402  
GLP: yes

##### **D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Acute oral toxicity : LD50 Oral (Rat, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes

Acute dermal toxicity : LD50 Dermal (Rabbit, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 402

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GLP: yes

### **alcohols, C12-14, ethoxylated:**

Acute oral toxicity : LD50: > 2,000 mg/kg  
GLP: yes

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
GLP: no

### **OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Acute oral toxicity : LD50 Oral: > 2,000 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 Dermal (Rat, male and female): >= 2,000 mg/kg  
Method: OECD Test Guideline 402  
GLP: yes

### **D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Acute oral toxicity : LD50 Oral (Rat, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes

Acute dermal toxicity : LD50 Dermal (Rabbit, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
GLP: yes

### **alcohols, C12-14, ethoxylated:**

Acute oral toxicity : LD50: > 2,000 mg/kg  
GLP: yes

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
GLP: no

### **Skin corrosion/irritation**

#### **Product:**

Remarks: No data available

#### **Components:**

### **OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Species: Rabbit  
Assessment: Irritating to skin.  
Method: OECD Test Guideline 404  
GLP: yes

### **D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

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Species: Rabbit  
Method: OECD Test Guideline 404  
Result: Skin irritation  
GLP: yes

**alcohols, C12-14, ethoxylated:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: No skin irritation  
GLP: yes

**Sodium Sulphate:**

Species: Rabbit  
Result: No skin irritation

**OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Species: Rabbit  
Assessment: Irritating to skin.  
Method: OECD Test Guideline 404  
GLP: yes

**D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: Skin irritation  
GLP: yes

**alcohols, C12-14, ethoxylated:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: No skin irritation  
GLP: yes

**Sodium Sulphate:**

Species: Rabbit  
Result: No skin irritation

**Serious eye damage/eye irritation**

**Product:**

Remarks: May irritate eyes.

**Components:**

**OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Species: Rabbit  
Method: OECD Test Guideline 405  
Result: Corrosive

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**D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Species: Rabbit  
Method: OECD Test Guideline 405  
Result: Corrosive  
GLP: yes

**alcohols, C12-14, ethoxylated:**

Species: Rabbit  
Method: OECD Test Guideline 405  
Result: No eye irritation  
GLP: no

**Sodium Sulphate:**

Species: Rabbit  
Result: No eye irritation

**OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Species: Rabbit  
Method: OECD Test Guideline 405  
Result: Corrosive

**D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Species: Rabbit  
Method: OECD Test Guideline 405  
Result: Corrosive  
GLP: yes

**alcohols, C12-14, ethoxylated:**

Species: Rabbit  
Method: OECD Test Guideline 405  
Result: No eye irritation  
GLP: no

**Sodium Sulphate:**

Species: Rabbit  
Result: No eye irritation

**Respiratory or skin sensitisation**

**Product:**

Remarks: No data available

**Components:**

**OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Method: OECD Test Guideline 406  
Result: Not a skin sensitizer.



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**D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Test Type: Buehler Test  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: Did not cause sensitisation on laboratory animals.  
GLP: yes

**alcohols, C12-14, ethoxylated:**

Species: Guinea pig  
Result: Not a skin sensitizer.  
GLP: yes

**Sodium Sulphate:**

Result: May cause sensitisation by skin contact.

**OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Method: OECD Test Guideline 406  
Result: Not a skin sensitizer.

**D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Test Type: Buehler Test  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: Did not cause sensitisation on laboratory animals.  
GLP: yes

**alcohols, C12-14, ethoxylated:**

Species: Guinea pig  
Result: Not a skin sensitizer.  
GLP: yes

**Sodium Sulphate:**

Result: May cause sensitisation by skin contact.

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## SECTION 12: Ecological information

### 12.1 Toxicity

**Components:**

**OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 25 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

**D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

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Toxicity to fish : LC50 (Danio rerio (zebra fish)): 2.95 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Method: Tested according to Directive 92/69/EEC.  
GLP: yes

Toxicity to algae : EC50 (Desmodesmus subspicatus (green algae)): 12.5 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: No information available.  
GLP: yes

EC50 (Desmodesmus subspicatus (green algae)): 5 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: No information available.  
GLP: yes

EC50 (Desmodesmus subspicatus (green algae)): 25 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: No information available.  
GLP: yes

EC50 (Desmodesmus subspicatus (green algae)): 10 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: No information available.  
GLP: yes

### alcohols, C12-14, ethoxylated:

Toxicity to fish : LC50 : 0.876 mg/l  
Exposure time: 96 h  
GLP: yes

Toxicity to fish (Chronic toxicity) : NOEC: 0.16 mg/l  
Exposure time: 10 d  
GLP: no

### Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

### Sodium Sulphate:

Toxicity to fish : LC50 : 7,960 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 : 1,766 mg/l  
Exposure time: 48 h

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**OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 25 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

**D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 2.95 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Method: Tested according to Directive 92/69/EEC.  
GLP: yes

Toxicity to algae : EC50 (Desmodesmus subspicatus (green algae)): 12.5 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: No information available.  
GLP: yes

EC50 (Desmodesmus subspicatus (green algae)): 5 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: No information available.  
GLP: yes

EC50 (Desmodesmus subspicatus (green algae)): 25 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: No information available.  
GLP: yes

EC50 (Desmodesmus subspicatus (green algae)): 10 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: No information available.  
GLP: yes

**alcohols, C12-14, ethoxylated:**

Toxicity to fish : LC50 : 0.876 mg/l  
Exposure time: 96 h  
GLP: yes

Toxicity to fish (Chronic toxicity) : NOEC: 0.16 mg/l  
Exposure time: 10 d  
GLP: no

**Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.  
Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

**Sodium Sulphate:**

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Toxicity to fish : LC50 : 7,960 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 : 1,766 mg/l  
Exposure time: 48 h

### 12.2 Persistence and degradability

#### Components:

##### **D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Biodegradability : Result: Readily biodegradable.

##### **D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Biodegradability : Result: Readily biodegradable.

### 12.3 Bioaccumulative potential

#### Components:

##### **OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Partition coefficient: n-octanol/water : log Pow: 1.22

##### **D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Partition coefficient: n-octanol/water : log Pow: <= -0.07

##### **Sodium Sulphate:**

Partition coefficient: n-octanol/water : log Pow: -4.38

##### **OBSOLETE - DO NOT USE (alcohols, C12-14, ethoxylated, sulfates, sodium salts):**

Partition coefficient: n-octanol/water : log Pow: 1.22

##### **D-glucopyranose, oligomeric, C10-16-alkyl glycosides:**

Partition coefficient: n-octanol/water : log Pow: <= -0.07

##### **Sodium Sulphate:**

Partition coefficient: n-octanol/water : log Pow: -4.38

### 12.4 Mobility in soil

No data available

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### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Other adverse effects

No data available

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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## SECTION 14: Transport information

### 14.1 UN number

Not regulated as a dangerous good

### 14.2 UN proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

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## SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

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REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.  
Not applicable

### 15.2 Chemical safety assessment

No information available.

## SECTION 16: Other information

### Full text of H-Statements

H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.  
H318 : Causes serious eye damage.  
H319 : Causes serious eye irritation.  
H400 : Very toxic to aquatic life.  
H412 : Harmful to aquatic life with long lasting effects.

### Full text of other abbreviations

Aquatic Acute : Acute aquatic toxicity  
Aquatic Chronic : Chronic aquatic toxicity  
Eye Dam. : Serious eye damage  
Eye Irrit. : Eye irritation  
Skin Irrit. : Skin irritation  
Skin Sens. : Skin sensitisation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not

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Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

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