



## SAFETY DATA SHEET

### Clorox® Cream Cleaner

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 Clorox® Cream Cleaner

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

Identified uses Cleaning and scouring.

Uses advised against No specific uses advised against are identified.

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

Supplier CBee (Europe) Ltd.  
Eton House  
2nd Floor  
18 - 24 Paradise Road  
Richmond  
TW9 1SE  
UK  
Tel: + 44 (0) 208 614 7120  
Fax: + 44 (0) 208 940 2040  
consumerservices@clorox.co.uk

##### 1.4. Emergency telephone number

Emergency telephone +44 (0) 208 614 7120  
Monday - Thursday:- 09:00 - 17:30  
Friday:- 09:00 - 17:00

#### SECTION 2: Hazards identification

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

###### Classification

###### Physical hazards

Not Classified

###### Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

###### Environmental hazards

Not Classified

###### Classification (67/548/EEC or 1999/45/EC)

C; R35

##### 2.2. Label elements

###### Pictogram



Signal word Warning

Hazard statements

**Clorox® Cream Cleaner**

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.

**Precautionary statements**

P102 Keep out of reach of children.  
 P264 Wash contaminated skin thoroughly after handling.  
 P280 Wear protective gloves.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Supplemental label information**

EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).

**Contains**

Sodium hypochlorite, solution 1.1 % Cl active

**Detergent labelling**

< 5% anionic surfactants, < 5% chlorine-based bleaching agents, < 5% non-ionic surfactants, < 5% perfumes, < 5% soap

**Supplementary precautionary statements**

P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.

**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**

<p><b>limestone</b> <span style="float: right;"><b>10 - &lt;25%</b></span>  <b>CAS number:</b> 1317-65-3 <b>EC number:</b> 215-279-6                  Substance with National workplace exposure limits.</p>
<p><b>Classification</b> <span style="float: right;"><b>Classification (67/548/EEC or 1999/45/EC)</b></span>                  Not Classified <span style="float: right;">---</span></p>
<p><b>Sulfonic acids, petroleum, sodium salts</b> <span style="float: right;"><b>2.5 - &lt;5%</b></span>  <b>CAS number:</b> 68608-26-4 <b>EC number:</b> 271-781-5</p>
<p><b>Classification</b> <span style="float: right;"><b>Classification (67/548/EEC or 1999/45/EC)</b></span>                  Eye Irrit. 2 - H319 <span style="float: right;">Xi; R36</span></p>
<p><b>Sodium hypochlorite, solution ... % Cl active</b> <span style="float: right;"><b>1 - &lt;2.5%</b></span>  <b>CAS number:</b> 7681-52-9 <b>EC number:</b> 231-668-3  <b>M factor (Acute) = 10</b></p>
<p><b>Classification</b> <span style="float: right;"><b>Classification (67/548/EEC or 1999/45/EC)</b></span>                  Skin Corr. 1B - H314 <span style="float: right;">C; R34. N; R50. R31</span>                  Eye Dam. 1 - H318                  Aquatic Acute 1 - H400</p>

## Clorox® Cream Cleaner

<b>sodium hydroxide</b> CAS number: 1310-73-2 EC number: 215-185-5	0.5 - <1%
<b>Classification</b> Skin Corr. 1A - H314 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> C; R35
<b>Dodecyltrimethylamine oxide</b> CAS number: 1643-20-5 EC number: 216-700-6 M factor (Acute) = 1	0.5 - <1%
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi; R41, R38. N; R50
<b>Hexadecyltrimethylamine N-oxide</b> CAS number: 7128-91-8 EC number: 230-429-0 M factor (Acute) = 1	0.25 - <0.5%
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi; R41, R38. N; R50
<b>N,N-dimethyltetradecylamine N-oxide</b> CAS number: 3332-27-2 EC number: 222-059-3 M factor (Acute) = 1	0.25 - <0.5%
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn; R22. Xi; R41, R38. N; R50
<b>Crystalline Silica (fine fraction)</b> CAS number: 14808-60-7 EC number: 238-878-4	0.025 - <0.25%
<b>Classification</b> STOT RE 1 - H372	<b>Classification (67/548/EEC or 1999/45/EC)</b> T; R48/23
<b>Amines, C12-16-alkyldimethyl</b> CAS number: 68439-70-3 EC number: 270-414-6 M factor (Acute) = 100 M factor (Chronic) = 1	0.025 - <0.25%
<b>Classification</b> Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn; R22. C; R34. N; R50/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## Clorox® Cream Cleaner

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### **Inhalation**

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

##### **Ingestion**

Rinse mouth thoroughly with water. Give plenty of water to drink. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

##### **Skin contact**

Wash skin thoroughly with soap and water.

##### **Eye contact**

Remove any contact lenses and open eyelids wide apart. Continue to rinse.

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

##### **Inhalation**

Irritation of nose, throat and airway.

##### **Ingestion**

May cause discomfort if swallowed. May cause stomach pain or vomiting.

##### **Skin contact**

Skin irritation.

##### **Eye contact**

Irritation of eyes and mucous membranes. Prolonged contact may cause redness and/or tearing.

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

##### **Notes for the doctor**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### **Suitable extinguishing media**

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

##### **Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

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

##### **Hazardous combustion products**

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

#### 5.3. Advice for firefighters

##### **Special protective equipment for firefighters**

Use protective equipment appropriate for surrounding materials.

### 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 and prolonged skin contact.

#### 6.2. Environmental precautions

##### **Environmental precautions**

Avoid discharge into drains or watercourses or onto the ground.

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

## Clorox® Cream Cleaner

### Methods for cleaning up

Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

### 6.4. Reference to other sections

#### Reference to other sections

See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

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## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

#### Usage precautions

Read and follow manufacturer's recommendations.

#### Advice on general occupational hygiene

Avoid contact with eyes and prolonged skin contact.

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

#### Storage precautions

Store in a cool and well-ventilated place.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

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## SECTION 8: Exposure Controls/personal protection

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### 8.1. Control parameters

#### Occupational exposure limits

##### **limestone**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

##### **sodium hydroxide**

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

##### **Crystalline Silica (fine fraction)**

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m<sup>3</sup> respirable dust

WEL = Workplace Exposure Limit

### 8.2. Exposure controls

#### **Eye/face protection**

Wear chemical splash goggles.

#### **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. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

#### **Hygiene measures**

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

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## SECTION 9: Physical and Chemical Properties

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

#### **Appearance**

Creamy liquid.

#### **Colour**

White.

## Clorox® Cream Cleaner

### Odour

Floral. Bleach

### Odour threshold

Not determined.

### pH

pH (concentrated solution): 12

### Melting point

Not relevant.

### Initial boiling point and range

Not determined.

### Flash point

Not determined.

### Evaporation rate

Not determined.

### Evaporation factor

Not determined.

### Flammability (solid, gas)

Not relevant.

### Upper/lower flammability or explosive limits

Not relevant.

### Vapour pressure

Not determined.

### Vapour density

Not relevant.

### Relative density

~ 1.05

### Bulk density

Not determined.

### Partition coefficient

Not determined.

### Auto-ignition temperature

Not relevant.

### Decomposition Temperature

Not relevant.

### Viscosity

~ 14000 cP @ 25°C

### Explosive properties

Not considered to be explosive.

### Oxidising properties

The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

## 9.2. Other information

### Other information

No information required.

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## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

## Clorox® Cream Cleaner

### **Stability**

Stable at normal ambient temperatures and when used as recommended.

### **10.3. Possibility of hazardous reactions**

Will not polymerise.

### **10.4. Conditions to avoid**

Avoid excessive heat for prolonged periods of time.

### **10.5. Incompatible materials**

#### **Materials to avoid**

Avoid contact with the following materials: Acids. Organic nitro compounds. Peroxides.

### **10.6. Hazardous decomposition products**

None at ambient temperatures. Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

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## **SECTION 11: Toxicological information**

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### **11.1. Information on toxicological effects**

#### **Acute toxicity - oral**

Based on available data the classification criteria are not met.

#### **ATE oral (mg/kg)**

37,597.17314488

#### **Acute toxicity - dermal**

Based on available data the classification criteria are not met.

#### **Acute toxicity - inhalation**

Based on available data the classification criteria are not met.

#### **Skin corrosion/irritation**

##### **Animal data**

Skin Irrit. 2 - H315

#### **Serious eye damage/irritation**

Eye Irrit. 2 - H319

#### **Respiratory sensitisation**

Based on available data the classification criteria are not met.

#### **Skin sensitisation**

Based on available data the classification criteria are not met.

#### **Germ cell mutagenicity**

##### **Genotoxicity - in vitro**

Based on available data the classification criteria are not met.

##### **Genotoxicity - in vivo**

Based on available data the classification criteria are not met.

#### **Carcinogenicity**

Based on available data the classification criteria are not met.

#### **Reproductive toxicity**

##### **Reproductive toxicity - fertility**

Based on available data the classification criteria are not met.

##### **Reproductive toxicity - development**

Based on available data the classification criteria are not met.

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

STOT - single exposure

## Clorox® Cream Cleaner

Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

#### **STOT - repeated exposure**

Based on available data the classification criteria are not met.

### Aspiration hazard

Not anticipated to present an aspiration hazard, based on chemical structure.

### Toxicological information on ingredients.

#### Sulfonic acids, petroleum, sodium salts

#### Acute toxicity - oral

> 5000 mg/kg, Rat REACH dossier information.

#### Acute toxicity - dermal

> 5000 mg/kg, Rabbit, REACH dossier information.

#### Skin corrosion/irritation

##### **Animal data**

Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). Oedema score: Very slight oedema - barely perceptible (1). REACH dossier information. Not irritating.

#### Serious eye damage/irritation

Eye Irrit. 2 - H319 Causes serious eye irritation.

#### Skin sensitisation

Patch test - Human: Not sensitising. REACH dossier information.

#### Reproductive toxicity

##### **Reproductive toxicity - fertility**

One-generation study - NOAEL > 5000 mg/kg/day, Oral, Rat P, F1 REACH dossier information.

#### Sodium hypochlorite, solution ... % Cl active

#### Acute toxicity - oral

##### **Acute toxicity oral (LD<sub>50</sub> mg/kg)**

8,830.0

##### **Species**

Rat

REACH dossier information. Based on available data the classification criteria are not met.

##### **ATE oral (mg/kg)**

8,830.0

#### Acute toxicity - dermal

##### **Acute toxicity dermal (LD<sub>50</sub> mg/kg)**

20000.0

##### **Species**

Rabbit

REACH dossier information. Based on available data the classification criteria are not met.

##### **ATE dermal (mg/kg)**

20000.0

#### Acute toxicity - inhalation

Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

##### **Animal data**

Dose: 5.3%, 4 hours, Rabbit Primary dermal irritation index: 1.2 Dose: 0.5 ml (12.5%), 24 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Very slight oedema - barely perceptible (1). REACH dossier information.



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Corrosive to skin.

### **Serious eye damage/irritation**

Dose: 0.1 g, 1 second, Rabbit REACH dossier information. Corrosivity to eyes is assumed.

### **Skin sensitisation**

Buehler test - Guinea pig: Not sensitising. REACH dossier information.

### **Germ cell mutagenicity**

#### **Genotoxicity - in vitro**

Chromosome aberration: Negative. REACH dossier information.

#### **Genotoxicity - in vivo**

Chromosome aberration: Negative. REACH dossier information.

### **Carcinogenicity**

NOAEL > 13.75 mg/kg/day, Oral, Rat REACH dossier information.

### **IARC carcinogenicity**

IARC Group 3 Not classifiable as to its carcinogenicity to humans.

### **Reproductive toxicity**

#### **Reproductive toxicity - fertility**

One-generation study - NOAEL > 5 mg/kg/day, Oral, Rat P REACH dossier information.

#### **Reproductive toxicity - development**

Teratogenicity: - NOAEL: >=5.7 mg/kg/day, Oral, Rat REACH dossier information.

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

#### **STOT - repeated exposure**

LOAEL 100 mg/kg/day, Oral, Rat REACH dossier information.

### **Aspiration hazard**

Not anticipated to present an aspiration hazard, based on chemical structure.

## **sodium hydroxide**

### **Skin corrosion/irritation**

#### **Animal data**

Skin Corr. 1A - H314

### **Serious eye damage/irritation**

Dose: 0.1 ml (2%), 1 second, Rabbit REACH dossier information.

### **Skin sensitisation**

Patch test - Human: Not sensitising. REACH dossier information.

### **Aspiration hazard**

Not anticipated to present an aspiration hazard, based on chemical structure.

## **Dodecyldimethylamine oxide**

### **Skin corrosion/irritation**

#### **Animal data**

Skin Irrit. 2 - H315

### **Serious eye damage/irritation**

Eye Dam. 1 - H318

## Clorox® Cream Cleaner

### N,N-dimethyltetradecylamine N-oxide

#### Acute toxicity - oral

##### Acute toxicity oral (LD<sub>50</sub> mg/kg)

1,496.0

##### Species

Rat

REACH dossier information. Acute Tox. 4 - H302

##### ATE oral (mg/kg)

1,496.0

#### Skin corrosion/irritation

##### Animal data

Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Moderate to severe erythema (3). Oedema score: Slight oedema - edges of area well defined by definite raising (2). REACH dossier information. Skin Irrit. 2 - H315

#### Serious eye damage/irritation

Dose: 0.1 ml, 21 days, Rabbit REACH dossier information. Eye Dam. 1 - H318

#### Skin sensitisation

Buehler test - Guinea pig: Not sensitising. REACH dossier information. Estimated value.

#### Germ cell mutagenicity

##### Genotoxicity - in vitro

Gene mutation: Negative. REACH dossier information.

#### Reproductive toxicity

##### Reproductive toxicity - fertility

Screening - NOAEL 100 mg/kg/day, Oral, Rat P REACH dossier information. Estimated value.

##### Reproductive toxicity - development

Developmental toxicity: - NOAEL: 25 mg/kg/day, Oral, Rat REACH dossier information. Estimated value.

#### Aspiration hazard

Not anticipated to present an aspiration hazard, based on chemical structure.

### Crystalline Silica (fine fraction)

#### Specific target organ toxicity - repeated exposure

##### STOT - repeated exposure

STOT RE 1 - H372

##### Target organs

Respiratory system, lungs

### Amines, C12-16-alkyldimethyl

#### Acute toxicity - oral

##### Acute toxicity oral (LD<sub>50</sub> mg/kg)

1,000.0

##### Species

Rat

##### ATE oral (mg/kg)

1,000.0

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## SECTION 12: Ecological Information

### 12.1. Toxicity

Not considered toxic to fish.

#### Ecological information on ingredients.

## Clorox® Cream Cleaner

### Sulfonic acids, petroleum, sodium salts

#### Acute toxicity - fish

LL<sub>50</sub>, 96 hours: > 10000 mg/l, Cyprinodon variegatus (Sheepshead minnow)

#### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: >1000 mg/l, Daphnia magna

#### Acute toxicity - aquatic plants

EC<sub>50</sub>, 72 hours: >1000 mg/l, Selenastrum capricornutum

### Sodium hypochlorite, solution ... % Cl active

#### Acute aquatic toxicity

##### LE(C)<sub>50</sub>

0.01 < L(E)C50 ≤ 0.1

##### M factor (Acute)

10

#### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: 0.032 mg/l, Oncorhynchus kisutch (Coho salmon) REACH dossier information.

#### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: 0.141 mg/l, Daphnia magna REACH dossier information.

#### Acute toxicity - microorganisms

EC<sub>50</sub>, 3 hours: > 3 mg/l, Activated sludge REACH dossier information.

#### Acute toxicity - terrestrial

NOEC, 10 days: 200 mg/l, Coturnix coturnix japonica (Japanese quail) REACH dossier information.

#### Chronic toxicity - fish early life stage

NOEC, 28 days: 0.04 mg/l, Menidia peninsulae (Tidewater silverside) REACH dossier information.

#### Chronic toxicity - aquatic invertebrates

NOEC, 15 days: 0.007 mg/l, Freshwater invertebrates REACH dossier information.

### sodium hydroxide

#### Acute toxicity - fish

LC<sub>50</sub>, 48 hours: 189 mg/l, Leuciscus idus (Golden orfe)

#### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: 40.4 mg/l, Ceriodaphnia REACH dossier information.

### Dodecyldimethylamine oxide

Aquatic Acute 1 - H400

#### Acute aquatic toxicity

##### LE(C)<sub>50</sub>

0.1 < L(E)C50 ≤ 1

##### M factor (Acute)

1

### Hexadecyldimethylamine N-oxide

#### Acute aquatic toxicity

##### LE(C)<sub>50</sub>

0.1 < L(E)C50 ≤ 1

##### M factor (Acute)

1

## Clorox® Cream Cleaner

### N,N-dimethyltetradecylamine N-oxide

#### Acute aquatic toxicity

LE(C)<sub>50</sub>

0.1 < L(E)C<sub>50</sub> ≤ 1

M factor (Acute)

1

#### **Acute toxicity - fish**

LC<sub>50</sub>, 96 hours: 2.4 mg/l, Brachydanio rerio (Zebra Fish) REACH dossier information.

#### **Acute toxicity - aquatic invertebrates**

LC<sub>50</sub>, 48 hours: 2.64 mg/l, Daphnia magna REACH dossier information.

#### **Acute toxicity - aquatic plants**

EC<sub>50</sub>, 72 hours: 0.81 mg/l, Selenastrum capricornutum REACH dossier information.

#### **Chronic toxicity - fish early life stage**

NOEC, 15 days: 0.98 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information. Estimated value.

#### **Chronic toxicity - aquatic invertebrates**

NOEC, 21 days: 0.7 mg/l, Daphnia magna REACH dossier information.

### Amines, C12-16-alkyldimethyl

#### Acute aquatic toxicity

LE(C)<sub>50</sub>

0.001 < L(E)C<sub>50</sub> ≤ 0.01

M factor (Acute)

100

#### Chronic aquatic toxicity

NOEC

#### Degradability

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M factor (Chronic)

1

### 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.

#### Ecological information on ingredients.

##### Sodium hypochlorite, solution ... % Cl active

#### **Phototransformation**

Air - DT<sub>50</sub> : 114.6 days Estimated value. Water - DT<sub>50</sub> : 12 minutes REACH dossier information.

##### Dodecyldimethylamine oxide

#### **Persistence and degradability**

The product is readily biodegradable.

### N,N-dimethyltetradecylamine N-oxide

#### **Phototransformation**

REACH dossier information.

#### **Biodegradation**

Water - Degradation (65.5%): 21 days REACH dossier information.

## Clorox® Cream Cleaner

### 12.3. Bioaccumulative potential

No data available on bioaccumulation.

#### **Partition coefficient**

Not determined.

#### Ecological information on ingredients.

##### Sodium hypochlorite, solution ... % Cl active

#### **Partition coefficient**

log Pow: -3.42 Estimated value. REACH dossier information.

##### sodium hydroxide

The product is not bioaccumulating.

##### N,N-dimethyltetradecylamine N-oxide

#### **Partition coefficient**

log Pow: 2.69 REACH dossier information. Estimated value.

### 12.4. Mobility in soil

#### **Mobility**

The product is soluble in water.

#### Ecological information on ingredients.

##### Sodium hypochlorite, solution ... % Cl active

#### **Henry's law constant**

0.076 @ 20°C Estimated value. REACH dossier information.

#### **Surface tension**

82.4 mN/m @ 20°C REACH dossier information.

##### N,N-dimethyltetradecylamine N-oxide

#### **Henry's law constant**

0 0.00000018 Pa m<sup>3</sup>/mol @ 25°C Estimated value. REACH dossier information.

#### **Surface tension**

32.4 - 32.5 mN/m @ 21°C REACH dossier information.

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Other adverse effects

Not relevant.

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## **SECTION 13: Disposal considerations**

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### 13.1. Waste treatment methods

#### **General information**

Dispose of waste product or used containers in accordance with local regulations

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## **SECTION 14: Transport information**

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#### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

## Clorox® Cream Cleaner

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

No transport warning sign required.

### **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 MARPOL73/78 and the IBC Code**

Not applicable.

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## **SECTION 15: Regulatory information**

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

#### **National regulations**

EH40/2005 Workplace exposure limits.

#### **EU legislation**

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). Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended)

### **15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

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## **SECTION 16: Other information**

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### **Classification procedures according to Regulation (EC) 1272/2008**

Eye Irrit. 2 - H319, Skin Irrit. 2 - H315: Calculation method.

#### **Revision comments**

This is first issue.

**Revision date** 07/10/2014

**SDS number** 299

#### **Risk phrases in full**

R22 Harmful if swallowed.

R34 Causes burns.

R35 Causes severe burns.

R36 Irritating to eyes.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### **Hazard statements in full**

### **Clorox® Cream Cleaner**

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H372 Causes damage to organs (Lungs) through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

#### **Disclaimer**

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