



SAFETY DATA SHEET  
Conforms to Regulation. 1179

**Surf Multi-purpose Thick Bleach**

**1. Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

**Product name** Surf Multi-purpose Thick Bleach  
**Product code** 200000247355 , 68494969  
**Product description** Hygienic multipurpose cleaner

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

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

Unilever UK Limited  
Springfield Drive  
KT22 7GR Surrey, Leatherhead  
UNITED KINGDOM

**e-mail address of person  
responsible for this SDS**

unileversds@unileverconsumerlink.co.uk

**1.4 Emergency telephone number**

**National advisory body/Poison Center**

**Telephone number** Not applicable in United Kingdom and Ireland

**Supplier**

**Telephone number** 0800 776646/Eire 1850 388 399

**Hours of operation** -

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** Mono-constituent substance

#### Classification according to Directive 67/548/EEC [DSD]

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** R41  
Xi, R36/38

**Physical/chemical hazards** Not applicable.

**Human health hazards** Irritating to eyes and skin.

**Environmental hazards** Not applicable.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Hazard symbol or symbols**



**Indication of danger** Xi Irritant

**Risk phrases** R36/38 - Irritating to eyes and skin.

**Safety phrases** S2 - Keep out of the reach of children.  
S24/25 - Avoid contact with skin and eyes.  
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
- If swallowed, seek medical advice immediately and show this container

or label.

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

**Supplemental label elements** Not applicable.

### **Special packaging requirements**

**Containers to be fitted with child-resistant fastenings** Not applicable.  
**Tactile warning of danger** Not applicable.

### **2.3 Other hazards**

**Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII** No.

**Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** Not available.

**Other hazards which do not result in classification** Warning! Do not use together with other products. May release dangerous gases (chlorine).

## **3. Composition/information on ingredients**

**Substance/mixture** : Mono-constituent substance

### Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] PBT-substance
- [4] vPvB-substance

See Section 16 for the full text of the H statements declared above.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs,

vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8. For confidentiality reasons, the levels of components listed in Section 3 are given in percentage bands. The bandings do not reflect potential variation in composition of this formulation, but are used simply to mask the exact component levels, which we consider to be proprietary information. The classification given in Section 2 and 15 reflects the exact composition of this mixture.

\* exempted according to REACH Art. 2(7) and Annex V; Each starting material of the ionic mixture is registered, if required

## 4. First aid measures

### 4.1 Description of first aid measures

#### **Eye contact**

Get medical attention immediately. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

#### **Inhalation**

Move exposed person to fresh air.

Keep person warm and at rest.

If unconscious, place in recovery position and get medical attention immediately.

Maintain an open airway.

Loosen tight clothing such as a collar, tie, belt or waistband.

If chlorine is released (following contact with acid) get medical attention immediately.

Oxygen may be administered if breathing is difficult.

Get medical attention if adverse health effects persist or are severe.

#### **Skin contact**

Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.

#### **Ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink.

Do not induce vomiting unless directed to do so by medical personnel.  
Get medical attention if adverse health effects persist or are severe.

### **Protection of first-aiders**

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.

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

### **Potential acute health effects**

#### **Eye contact**

Causes serious eye damage.

#### **Inhalation**

No known significant effects or critical hazards.

#### **Skin contact**

Causes severe burns.

#### **Ingestion**

No known significant effects or critical hazards.

### **Over-exposure signs/symptoms**

#### **Eye contact**

Adverse symptoms may include the following:

pain

watering

redness

#### **Inhalation**

No specific data.

#### **Skin contact**

Adverse symptoms may include the following:

pain or irritation

redness

blistering may occur

### **Ingestion**

Adverse symptoms may include the following:

stomach pains

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

### **Notes to physician**

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

### **Specific treatments**

No specific treatment.

## **5. Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Use an extinguishing agent suitable for the surrounding fire.

#### **Unsuitable extinguishing media**

None known.

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

#### **Hazards from the substance or mixture**

In a fire or if heated, a pressure increase will occur and the container may burst.

#### **Hazardous combustion products**

Decomposition products may include the following materials:

metal oxide/oxides

### **5.3 Advice for firefighters**

#### **Special precautions for fire-fighters**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

### **Special protective equipment for fire-fighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

### **Additional information**

Not available.

## **6. Accidental release measures**

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

#### **For non-emergency personnel**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

#### **For emergency responders**

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### **6.2 Environmental precautions**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### **6.3 Methods and materials for containment and cleaning up**

#### **Small spill**

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in

an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

### **Large spill**

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

## **6.4 Reference to other sections**

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

## **7. Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### **7.1 Precautions for safe handling**

#### **Protective measures**

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container.

#### **Advice on general occupational hygiene**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section



10) and food and drink. Store locked up. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

### **7.3 Specific end use(s)**

#### **Recommendations**

Not available

#### **Industrial sector specific solutions**

Not available

## **8. Exposure controls/personal protection**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### **8.1 Control parameters**

#### **Occupational exposure limits**

<b><u>Product/ingredient name</u></b>	<b><u>Occupational exposure limits</u></b>

No exposure limit value known.

#### **Recommended monitoring procedures**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### **8.2 Exposure controls**

#### **Appropriate engineering controls**

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### **Individual protection measures**

#### **Hygiene measures**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

### **Skin protection**

#### **Hand protection**

#### **Body protection**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### **Other skin protection**

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### **Respiratory protection**

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

#### **Environmental exposure controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Form</b>	liquid
<b>Color</b>	colourless
<b>Odor</b>	Characteristic.
<b>Odor threshold</b>	Not available
<b>pH</b>	13 [Conc. (% w/w) 1,000 g/l]
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Non-flammable.
<b>Evaporation rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Density</b>	1.06 g/cm <sup>3</sup>
<b>Bulk density</b>	Not available
<b>Solubility in water at room temperature (g/l):</b>	Not available
<b>Upper/lower flammability or explosive limits</b>	Lower: Not available. Upper: Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available

<b>Relative density</b>	Not available
<b>Solubility(ies)</b>	Not available
<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Viscosity</b>	Dynamic: Not available Kinematic: 400 mm <sup>2</sup> /s
<b>Explosive properties</b>	Not available
<b>Oxidizing properties</b>	Not available

## 9.2 Other information

<b>SADT</b>	Not available
<b>Type of aerosol</b>	Not available
<b>Heat of combustion</b>	Not available.

## **10. Stability and reactivity**

<b>10.1 Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>10.2 Chemical stability</b>	The product is stable.
<b>10.3 Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>10.4 Conditions to avoid</b>	No specific data.
<b>10.5 Incompatible materials</b>	Reactive or incompatible with the following materials: acids

**10.6 Hazardous decomposition products** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

**LD50** > 2,000 mg/kg

#### **Irritation/Corrosion**

##### **Eyes**

Risk of serious damage to eyes.

##### **Skin**

Irritating to skin.

#### **Sensitization**

Non-sensitizer to skin.

#### **Respiratory**

Not sensitizing

#### **Repeated dose toxicity**

Not available

#### **Carcinogenicity**

No known significant effects or critical hazards.

#### **Mutagenicity**

No known significant effects or critical hazards.

#### **Toxicity for reproduction**

No known significant effects or critical hazards.

## 12: Ecological information

### 12.1 Toxicity

No known significant effects or critical hazards.

**Mixture / Substance:**

Similar mixtures containing 5% sodium hypochlorite.

## **12.2 Persistence and degradability**

The surfactants used in this mixture are readily biodegradable.

The surfactant(s) contained in this preparation 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**

Not considered to be bioaccumulating in the environment

## **12.4 Mobility in soil**

Mixture is highly soluble

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

The substances used in this mixture are neither a PBT- or a vPvB substance

# **13. Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

## **13.1 Waste treatment methods**

### **Product**

**Methods of disposal**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste**

The classification of the product may meet the criteria for a hazardous waste.

**Packaging****Methods of disposal**

The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions**

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**14. Transport information**

	ADR/RID	ADN	IMDG
<b>14.1 UN number</b>	-		-
<b>14.2 UN proper shipping name</b>	Not regulated.		Not regulated.

<b>14.3 Transport hazard class(es)</b>	Not regulated.		Not regulated.
<b>14.4 Packing group</b>	-		-
<b>14.5. Environmental hazards</b>	No.		No.
<b>14.6 Special precautions for user</b>	Not available	Not available	Not available
<b>Additional information</b>			

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

Not available.

### 15. Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Substances of very high concern

Carcinogen: None of the components are listed.

Mutagen: None of the components are listed.

Toxic to reproduction: None of the components are listed.



**PBT:** None of the components are listed.

**vPvB:** None of the components are listed.

### **Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles**

Not applicable.

### **Other EU regulations**

#### **Europe inventory**

Not determined.

#### **Industrial emissions (integrated pollution prevention and control) - Air-**

Not listed

#### **Industrial emissions (integrated pollution prevention and control) - Water-**

Not listed

**Aerosol dispensers**      Not applicable.

### **National regulations**

**Remark**                      No additional remark.

### **International regulations**

**15.2 Chemical Safety**      Not available.

### **Assessment**

## **16. Other information**

### **Abbreviations and acronyms**

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

**Key literature references and sources for data**

Evaluation method used for mixture classification: Calculation method.

**Full text of abbreviated H statements**

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

**Full text of classifications [CLP/GHS]**

**Skin Corr./Irrit. 1, H314:** SKIN CORROSION/IRRITATION - Category 1  
**Eye Dam./Irrit. 1, H318:** SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1

**Full text of abbreviated R phrases**

R35- Causes severe burns.

**Full text of classifications [DSD/DPD]**

C - Corrosive

**Date of printing**

11.08.2020

**Date of issueDate of revision**

11.08.2020

**Date of previous issue**

00.00.0000

**Reason:**

EC No. 1999/45/EC [DPD]

**Version**

1.0

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.