

SAFETY DATA SHEET

# Floor Cleaner

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Trade name: Floor Cleaner  
 Product no.: C40013

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

Relevant identified uses of the substance or mixture: Cleaning product  
 Restricted to professional users.

Use descriptors (UK REACH):

| Product category | Description  |
|------------------|--|
| PC 35            | Washing and Cleaning Products (including solvent based products) |

Uses advised against: Uses other than those identified are not recommended

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

▼ Company and address: **BFS Group Ltd**  
 814 Leigh Road  
 SL1 4BD Slough  
 United Kingdom  
 Responsible Person for SDS: +44(0)1328851407  
 www.caterfoodbg.co.uk

▼ E-mail: chemists@anglianchemicals.com

Revision: 14/12/2023

SDS Version: 1.0

Date of previous version: 02/12/2023 (1.0)

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).  
 See section 4 "First aid measures".

## SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### 2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.  
 Eye Dam. 1; H318, Causes serious eye damage.

### 2.2. Label elements

Hazard pictogram(s):



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

|   |  |
|---|--|
| <i>Signal word:</i>   | Danger   |
| <i>Hazard statement(s):</i>   | Causes skin irritation. (H315)<br>Causes serious eye damage. (H318)  |
| <i>Precautionary statement(s):</i>  |  |
| <i>General:</i>   | -  |
| <i>Prevention:</i>  | Wash hands and exposed skin thoroughly after handling. (P264)<br>Wear eye protection/protective gloves/protective clothing. (P280)   |
| <i>Response:</i>  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)<br>Immediately call a POISON CENTER/doctor. (P310) |
| <i>Storage:</i>   | -  |
| <i>Disposal:</i>  | -  |
| <i>Hazardous substances:</i>  | Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides<br>Alcohols, C12-14, ethoxylated   |
| <i>Additional labelling:</i>  | Not applicable.  |
| <i>Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:</i> | < 5%<br>· Non-ionic surfactants<br>· Disinfectants   |

### 2.3. Other hazards

|                             |   |
|-----------------------------|---|
| <i>Additional warnings:</i> | This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. |
|-----------------------------|---|

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

| Product/substance   | Identifiers   | % w/w | Classification  | Note |
|---|---|-------|---|------|
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | CAS No.: 68424-85-1<br>EC No.: 270-325-2<br>UK-REACH:<br>Index No.: | 1-3%  | Acute Tox. 4, H302<br>Skin Corr. 1B, H314                         | [19] |
| Alcohols, C12-14, ethoxylated   | CAS No.: 68439-50-9<br>EC No.: 500-213-3<br>UK-REACH:<br>Index No.: | 1-3%  | Acute Tox. 4, H302<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412 | [19] |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

**Other information**

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

|                             |  |
|-----------------------------|--|
| <i>General information:</i> | In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person’s condition or if the symptoms persist. Never give an unconscious person water or other drink.  |
| <i>Inhalation:</i>          | Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.   |
| <i>Skin contact:</i>        | IF ON SKIN: Wash with plenty of water/water and soap. Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.<br>If skin irritation occurs: Get medical advice/attention.   |
| <i>Eye contact:</i>         | If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.  |
| <i>Ingestion:</i>           | If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.<br>In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material. |
| <i>Burns:</i>               | Not applicable.  |

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

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

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

IF exposed or concerned:  
Get immediate medical advice/attention.

**Information to medics**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.  
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Halogenated compounds  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon oxides (CO / CO<sub>2</sub>)

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid direct contact with spilled substances.  
Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

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

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.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid direct contact with the product.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

*Recommended storage material:* Keep only in original packaging.  
*Storage temperature:* Dry, cool and well ventilated  
*Incompatible materials:* Strong acids  
 Strong oxidizing agents

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

This product should only be used for applications quoted in section 1.2.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

No substances are listed in the national list of substances with an occupational exposure limit.

**DNEL**

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

| Duration:   | Route of exposure: | DNEL:                  |
|---|--------------------|------------------------|
| Long term – Systemic effects - General population | Dermal             | 3.4 mg/kg bw/day       |
| Long term – Systemic effects - Workers            | Dermal             | 5.7 mg/kg bw/day       |
| Long term – Systemic effects - General population | Inhalation         | 1.64 mg/m <sup>3</sup> |
| Long term – Systemic effects - Workers            | Inhalation         | 3.96 mg/m <sup>3</sup> |
| Long term – Systemic effects - General population | Oral               | 3.4 mg/kg bw/day       |

**PNEC**

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

| Route of exposure:                  | Duration of Exposure: | PNEC:       |
|-------------------------------------|-----------------------|-------------|
| Freshwater                          |                       | 420 ng/L    |
| Freshwater sediment                 |                       | 68 mg/kg    |
| Intermittent release (freshwater)   |                       | 160 ng/L    |
| Intermittent release (marine water) |                       | 207 ng/L    |
| Marine water                        |                       | 96 ng/L     |
| Marine water sediment               |                       | 15.75 mg/kg |
| Sewage treatment plant              |                       | 160 µg/L    |
| Soil                                |                       | 1.66 mg/kg  |

**8.2. Exposure controls**

Control is unnecessary if the product is used as intended.

*General recommendations:* Smoking, drinking and consumption of food is not allowed in the work area.  
*Exposure scenarios:* There are no exposure scenarios implemented for this product.  
*Exposure limits:* Occupational exposure limits have not been defined for the substances in this product.  
*Appropriate technical measures:* Ensure that eyewash stations and safety showers are located within easy reach.  
 Apply standard precautions during use of the product.  
 Avoid inhalation of vapours.

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

*Hygiene measures:* Take off contaminated clothing and wash it before reuse.  
*Measures to avoid environmental exposure:* No specific requirements.


**Individual protection measures, such as personal protective equipment**

*Generally:* Use only UKCA marked protective equipment.


*Respiratory Equipment:*

| Type                                    | Class | Colour | Standards |  |
|---|-------|--------|-----------|--|
| Ensure there is sufficient ventilation. |       |        |           |  |


*Skin protection:*

| Recommended  | Type/Category | Standards |   |
|--|---------------|-----------|---|
| Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester. | -             | -         |  |

*Hand protection:*

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |   |
|----------|----------------------|--------------------------|-----------|---|
| Gloves   | -                    | > 360                    | EN374     |  |

*Eye protection:*

| Type           | Standards |   |
|----------------|-----------|---|
| Safety glasses | EN166     |  |

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

*Physical state:* Liquid  
*Colour:* Colourless  
*Odour / Odour threshold:* None  
*pH:* 11.0-11.5  
*Density (g/cm<sup>3</sup>):* Testing not relevant or not possible due to the nature of the product.  
*Kinematic viscosity:* Testing not relevant or not possible due to the nature of the product.  
*Particle characteristics:* Does not apply to liquids.

**Phase changes**

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

|   |  |
|---|--|
| <i>Melting point/Freezing point (°C):</i>             | Testing not relevant or not possible due to the nature of the product. |
| <i>Softening point/range (waxes and pastes) (°C):</i> | Does not apply to liquids.   |
| <i>Boiling point (°C):</i>                            | Testing not relevant or not possible due to the nature of the product. |
| <i>Vapour pressure:</i>                               | Testing not relevant or not possible due to the nature of the product. |
| <i>Relative vapour density:</i>                       | Testing not relevant or not possible due to the nature of the product. |
| <i>Decomposition temperature (°C):</i>                | Testing not relevant or not possible due to the nature of the product. |

### Data on fire and explosion hazards

|   |  |
|---|--|
| <i>Flash point (°C):</i>                        | Testing not relevant or not possible due to the nature of the product. |
| <i>Flammability (°C):</i>                       | Testing not relevant or not possible due to the nature of the product. |
| <i>Auto-ignition temperature (°C):</i>          | Testing not relevant or not possible due to the nature of the product. |
| <i>Lower and upper explosion limit (% v/v):</i> | Testing not relevant or not possible due to the nature of the product. |

### Solubility

|  |  |
|--|--|
| <i>Solubility in water:</i>                  | Completely soluble   |
| <i>n-octanol/water coefficient (LogKow):</i> | Testing not relevant or not possible due to the nature of the product. |
| <i>Solubility in fat (g/L):</i>              | Testing not relevant or not possible due to the nature of the product. |

### 9.2. Other information

|  |  |
|--|--|
| <i>Oxidizing properties:</i>                   | Testing not relevant or not possible due to the nature of the product. |
| <i>Other physical and chemical parameters:</i> | No data available.   |

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

#### **10.5. Incompatible materials**

Strong acids  
Strong oxidizing agents

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

The product is not degraded when used as specified in section 1.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law**

##### **Acute toxicity**

Based on available data, the classification criteria are not met.

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

Causes skin irritation.

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

Causes serious eye damage.

##### **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**

Based on available data, the classification criteria are not met.

##### **Carcinogenicity**

Based on available data, the classification criteria are not met.

##### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

##### **STOT-single exposure**

Based on available data, the classification criteria are not met.

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

Based on available data, the classification criteria are not met.

##### **Aspiration hazard**

Based on available data, the classification criteria are not met.

#### **11.2. Information on other hazards**

##### **Long term effects**

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

##### **Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

##### **Other information**

None known.

### **SECTION 12: ECOLOGICAL INFORMATION**



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

**12.1. Toxicity**

No data available.

**12.2. Persistence and degradability**

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**

No data available.

**12.4. Mobility in soil**

No data available.

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

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

**12.6. Endocrine disrupting properties**

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

**12.7. Other adverse effects**

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

Product is not covered by regulations on dangerous waste.  
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

**EWC code**

Not applicable.

**Specific labelling**

**Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

**SECTION 14: TRANSPORT INFORMATION**

|      | 14.1<br>UN / ID | 14.2<br>UN proper shipping name | 14.3<br>Hazard class(es) | 14.4<br>PG* | 14.5<br>Env** | Other<br>information: |
|------|-----------------|---------------------------------|--------------------------|-------------|---------------|-----------------------|
| ADR  | -               | -                               | -                        | -           | -             | -                     |
| IMDG | -               | -                               | -                        | -           | -             | -                     |
| IATA | -               | -                               | -                        | -           | -             | -                     |

\* Packing group

\*\* Environmental hazards

**Additional information**

Not dangerous goods according to ADR, IATA and IMDG.

**14.6. Special precautions for user**

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Not applicable.

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

### SECTION 15: REGULATORY INFORMATION

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

*Restrictions for application:* Restricted to professional users.

*Demands for specific education:* No specific requirements.

*SEVESO - Categories / dangerous substances:* Not applicable.

##### ▼ UK-REACH, Annex XVII

Safe Klene Plus Food Grade Sanitiser is subject to UK-REACH restrictions, UK-REACH annex XVII (entry 3).

*Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:*

- < 5%
- Non-ionic surfactants
- Disinfectants

*Additional information:* The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. 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.

*Sources:* The Management of Health and Safety at Work Regulations 1999.  
 Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.  
 Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.  
 Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.  
 Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

#### 15.2. Chemical safety assessment

No

### SECTION 16: OTHER INFORMATION

#### Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

H318, Causes serious eye damage.

H412, Harmful to aquatic life with long lasting effects.

### **The full text of identified uses as mentioned in section 1**

PC 35 = Washing and Cleaning Products (including solvent based products)

### **Abbreviations and acronyms**

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

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

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

### **Additional information**

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### **▼ The safety data sheet is validated by**

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

---

Anglian Chemicals

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en