

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

- **1.1 Product identifier:**
- **Trade name:** Black & White
- **Article number:** CLESCH0102
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
No further relevant information available.
- **Application of the substance / the preparation:** Cleaning material/ Detergent
- **1.3 Details of the supplier of the safety data sheet:**
  - **Manufacturer/Supplier:**  
Schulz & Sohn GmbH  
Chemie-Erzeugnisse  
Hoeheweg 327  
D-40231 Duesseldorf  
sida@schulzchemie.com
  - Distributet by:  
UCC Coffee UK Ltd.  
2 Bradbourne Drive  
Tilbrook  
GB - Milton Keynes MK7 8AT  
info@ucc-coffee.co.uk
- **Further information obtainable from:** Product safety department
- **1.4 Emergency telephone number:**  
Toxin emergency call (24 hours):  
Phone: +44 (0) 845 4647

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture:**
  - **Classification according to Regulation (EC) No 1272/2008:**  
Eye Dam. 1 H318 Causes serious eye damage.
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- **2.2 Label elements:**
  - **Labelling according to Regulation (EC) No 1272/2008:**  
The product is classified and labelled according to the GB CLP regulation.
  - **Hazard pictograms**



GHS05

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
sodium percarbonate  
tartaric acid
- **Hazard statements**  
H318 Causes serious eye damage.
- **Precautionary statements**  
P280 Wear protective clothing / eye protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P313 Get medical advice/attention.

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- **2.3 Other hazards:**
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

### · Dangerous components:

|                                                                |                                                                                     |         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|
| CAS: 497-19-8<br>EINECS: 207-838-8<br>Reg.nr.: 2119485498-19   | sodium carbonate<br>⚠ Eye Irrit. 2, H319                                            | 15-<30% |
| CAS: 15630-89-4<br>EINECS: 239-707-6<br>Reg.nr.: 2119457268-30 | sodium percarbonate<br>⚠ Ox. Sol. 2, H272; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H332 | 15-<30% |
| CAS: 87-69-4<br>EINECS: 201-766-0                              | tartaric acid<br>⚠ Eye Dam. 1, H318                                                 | 15-<30% |

### · Regulation (EC) No 648/2004 on detergents / Labelling for contents:

|                                           |            |
|-------------------------------------------|------------|
| oxygen-based bleaching agents, phosphates | ≥15 - <30% |
|-------------------------------------------|------------|

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

- **4.1 Description of first aid measures:**
- **General information:**  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:**  
Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Call for a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed:**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed:**  
No further relevant information available.

## SECTION 5: Firefighting measures

- **5.1 Extinguishing media:**
- **Suitable extinguishing agents:**  
Use fire extinguishing methods suitable to surrounding conditions.  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.
- **5.3 Advice for firefighters:**
- **Protective equipment:** No special measures required.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures:** Not required.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to section 13.

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**· 6.4 Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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**SECTION 7: Handling and storage****· 7.1 Precautions for safe handling:** No special precautions are necessary if used correctly.**· Information about fire - and explosion protection:** No special measures required.**· 7.2 Conditions for safe storage, including any incompatibilities:****· Storage:****· Requirements to be met by storerooms and receptacles:** No special requirements.**· Information about storage in one common storage facility:** Not required.**· Further information about storage conditions:** None.**· Storage class:** 13**· 7.3 Specific end use(s):** No further relevant information available.

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**SECTION 8: Exposure controls/personal protection****· 8.1 Control parameters:****· Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**· Additional information:** The lists valid during the making were used as basis.**· 8.2 Exposure controls:****· Appropriate engineering controls** No further data; see section 7.**· Individual protection measures, such as personal protective equipment****· General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

**· Respiratory protection:** Not necessary if room is well-ventilated.**· Hand protection**

Protective gloves!

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**· Material of gloves:**

Recommendation:

uvex u-chem 3000 (DIN EN 374)

Material: Nitrile rubber, NBR

Thickness of the material: 0,5 mm

Value for the permeation: &gt; 480 min (Level 6)

Recommendation:

uvex u-fit strong N2000 (DIN EN 374)

Material: Nitrile rubber, NBR

Thickness of the material: 0,2 mm

Value for the permeation: &gt; 480 min (Level 6)

**· Penetration time of glove material:**

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

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## · Eye/face protection



Tightly sealed goggles!

## SECTION 9: Physical and chemical properties

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

#### · General Information:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| · Colour:                                                  | White           |
| · Odour:                                                   | Characteristic  |
| · Odour threshold:                                         | Not determined. |
| · Melting point/freezing point:                            | Undetermined.   |
| · Boiling point or initial boiling point and boiling range | Undetermined.   |
| · Flammability                                             | Not determined. |
| · Lower and upper explosion limit                          |                 |
| · Lower:                                                   | Not determined. |
| · Upper:                                                   | Not determined. |
| · Flash point:                                             | Not applicable. |
| · Decomposition temperature:                               | Not determined. |
| · pH (10 g/l) at 20 °C                                     | 10.2            |
| · Viscosity:                                               |                 |
| · Kinematic viscosity                                      | Not applicable. |
| · Dynamic:                                                 | Not applicable. |
| · Solubility                                               |                 |
| · water:                                                   | Soluble.        |
| · Partition coefficient n-octanol/water (log value)        | Not determined. |
| · Vapour pressure:                                         | Not applicable. |
| · Density and/or relative density                          |                 |
| · Density:                                                 | Not determined. |
| · Relative density:                                        | Not determined. |
| · Vapour density:                                          | Not applicable. |

### · 9.2 Other information:

|                                                                                 |                                               |
|---------------------------------------------------------------------------------|-----------------------------------------------|
| · Appearance:                                                                   |                                               |
| · Form:                                                                         | Solid                                         |
| · Important information on protection of health and environment, and on safety. |                                               |
| · Ignition temperature:                                                         | Product is not selfigniting.                  |
| · Explosive properties:                                                         | Product does not present an explosion hazard. |
| · Solvent content:                                                              |                                               |
| · Organic solvents:                                                             | 0.0 %                                         |
| · VOC (EC):                                                                     | 0.00 %                                        |
| · Solids content:                                                               | 100.0 %                                       |
| · Change in condition:                                                          |                                               |
| · Evaporation rate:                                                             | Not applicable.                               |

### · Information with regard to physical hazard classes

|                        |      |
|------------------------|------|
| · Explosives           | Void |
| · Flammable gases      | Void |
| · Aerosols             | Void |
| · Oxidising gases      | Void |
| · Gases under pressure | Void |
| · Flammable liquids    | Void |

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|                                                                             |      |
|-----------------------------------------------------------------------------|------|
| · Flammable solids                                                          | Void |
| · Self-reactive substances and mixtures                                     | Void |
| · Pyrophoric liquids                                                        | Void |
| · Pyrophoric solids                                                         | Void |
| · Self-heating substances and mixtures                                      | Void |
| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids                                                         | Void |
| · Oxidising solids                                                          | Void |
| · Organic peroxides                                                         | Void |
| · Corrosive to metals                                                       | Void |
| · Desensitised explosives                                                   | Void |

## SECTION 10: Stability and reactivity

- **10.1 Reactivity:** No further relevant information available.
- **10.2 Chemical stability:**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

### 15630-89-4 sodium percarbonate

|            |          |                     |
|------------|----------|---------------------|
| Oral       | LD50     | 1034 mg/kg (rat)    |
| Dermal     | LD50     | 2001 mg/kg (rabbit) |
| Inhalative | LC50/4 h | 2.275 mg/L (rat)    |

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Causes serious eye damage.
- **Respiratory or 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**

- **Endocrine disrupting properties**

None of the ingredients is listed.

## SECTION 12: Ecological information

- **12.1 Toxicity:**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.

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## · 12.5 Results of PBT and vPvB assessment:

· PBT: Not applicable.

· vPvB: Not applicable.

· 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

## · 12.7 Other adverse effects:

### · Additional ecological information:

### · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## SECTION 13: Disposal considerations

### · 13.1 Waste treatment methods:

#### · Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

### · Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.

## SECTION 14: Transport information

|                                                                |                 |
|----------------------------------------------------------------|-----------------|
| · 14.1 UN number or ID number                                  |                 |
| · ADR, ADN, IMDG, IATA                                         | Void            |
| · 14.2 UN proper shipping name                                 |                 |
| · ADR, ADN, IMDG, IATA                                         | Void            |
| · 14.3 Transport hazard class(es)                              |                 |
| · ADR, ADN, IMDG, IATA                                         |                 |
| · Class                                                        | Void            |
| · 14.4 Packing group                                           |                 |
| · ADR, IMDG, IATA                                              | Void            |
| · 14.5 Environmental hazards:                                  |                 |
| · Marine pollutant:                                            | No              |
| · 14.6 Special precautions for user                            | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation":                                       | Void            |

## SECTION 15: Regulatory information

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

### · National regulations:

· Information about limitation of use: Employment restrictions concerning juveniles must be observed.

· 15.2 Chemical safety assessment:: A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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· **Relevant phrases:**

H272 May intensify fire; oxidiser.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.

· **Department issuing SDS:** HSE department

· **Contact:** HSE Department

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Ox. Sol. 2: Oxidizing solids – Category 2  
Acute Tox. 4: Acute toxicity – Category 4  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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