

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : BUFF & SHINE 2000  
Product code : 2305  
Type of product : Detergent,Waxes and Polymers  
Product group : Mixture

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Main use category : Industrial use,Professional use  
Industrial/Professional use spec : Industrial  
For professional use only

**1.2.2. Uses advised against**

No additional information available

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

Capital Cleaning Ltd  
Paragon House  
St Michael's Close  
ME20 7BU Kent - United Kingdom  
T +44 (0) 1622 714 800 - F +44 (0) 1622 790 997  
[sales@capitalonline.biz](mailto:sales@capitalonline.biz)

**1.4. Emergency telephone number**

| Country        | Official advisory body   | Address                                  | Emergency number   | Comment |
|----------------|--|--|--|---------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital                     | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH Birmingham        | 0344 892 0111  |         |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Precautionary statements (CLP) : P102 - Keep out of reach of children.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

EUH-statements : EUH208 - Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

**2.3. Other hazards**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Not applicable

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 3.2. Mixtures

| Name   | Product identifier  | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|--|---|-------|---|
| Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) | (CAS-no) 55965-84-9<br>(Einecs nr) 611-341-5<br>(EG annex nr) 613-167-00-5<br>(REACH-no) 01-2120764691-48 | < 0.1 | Acute Tox. 2 (Inhalation), H330<br>Acute Tox. 2 (Dermal), H310<br>(ATE=78 mg/kg bodyweight)<br>Acute Tox. 3 (Oral), H301<br>(ATE=64 mg/kg bodyweight)<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100) |

### Specific concentration limits:

| Name   | Product identifier  | Specific concentration limits   |
|--|---|---|
| Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) | (CAS-no) 55965-84-9<br>(Einecs nr) 611-341-5<br>(EG annex nr) 613-167-00-5<br>(REACH-no) 01-2120764691-48 | ( 0.0015 ≤ C ≤ 100) Skin Sens. 1A, H317<br>( 0.06 ≤ C < 0.6) Eye Irrit. 2, H319<br>( 0.06 ≤ C < 0.6) Skin Irrit. 2, H315<br>( 0.6 ≤ C ≤ 100) Eye Dam. 1, H318<br>( 0.6 ≤ C ≤ 100) Skin Corr. 1C, H314 |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                |   |
|----------------|---|
| General advice | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| Inhalation     | : Allow affected person to breathe fresh air. Allow the victim to rest.   |
| Skin contact   | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.                 |
| Eye contact    | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.                         |
| Ingestion      | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.  |

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

|                          |  |
|--------------------------|--|
| Acute effects skin       | : mild skin irritation.                        |
| Acute effects eyes       | : May cause eye irritation. Redness.           |
| Acute effects oral route | : May cause irritation to the digestive tract. |

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.   |

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

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

Storage conditions : Keep container tightly closed.

Incompatible products : Strong bases. Strong acids.

Packaging materials : polyethylene. stainless steel.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Avoid all unnecessary exposure.

##### 8.2.2.1. Eye and face protection

###### Eye protection:

Safety glasses. Chemical goggles or safety glasses

##### 8.2.2.2. Skin protection

###### Hand protection:

Protective gloves. Wear protective gloves.

##### 8.2.2.3. Respiratory protection

No additional information available

##### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

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

|   |                        |
|---|------------------------|
| Physical state                                  | : Liquid               |
| Colour  | : pink.                |
| Physical state/form                             | : Liquid.              |
| Odour   | : Floral.              |
| Odour threshold                                 | : Not available        |
| Melting point/range                             | : 0 °C                 |
| Freezing point                                  | : Not available        |
| Boiling point/Boiling range                     | : 100 °C               |
| Flammability                                    | : Non flammable.       |
| Explosive limits                                | : Not available        |
| Lower explosive limit (LEL)                     | : Not available        |
| Upper explosive limit (UEL)                     | : Not available        |
| Flash point                                     | : Not available        |
| Autoignition temperature                        | : Not available        |
| Decomposition temperature                       | : Not available        |
| pH  | : 8 – 9                |
| Viscosity, kinematic                            | : Not available        |
| Solubility                                      | : Miscible with water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available        |
| Vapour pressure                                 | : Not available        |
| Vapour pressure at 50 °C                        | : Not available        |
| Density   | : Not available        |
| Relative density                                | : 1.009                |
| Relative vapour density at 20 °C                | : Not available        |
| Particle size                                   | : Not applicable       |
| Particle size distribution                      | : Not applicable       |
| Particle shape                                  | : Not applicable       |
| Particle aspect ratio                           | : Not applicable       |
| Particle aggregation state                      | : Not applicable       |
| Particle agglomeration state                    | : Not applicable       |
| Particle specific surface area                  | : Not applicable       |
| Particle dustiness                              | : Not applicable       |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

No additional information available

##### 9.2.2. Other safety characteristics

VOC content : 20 g/l

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

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Acute toxicity (inhalation) : Not classified

### Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

|                                   |              |
|-----------------------------------|--------------|
| LD50 oral rat                     | 64 mg/kg     |
| LD50 dermal rat                   | 87.12 mg/kg  |
| LD50 dermal rabbit                | 78 mg/kg     |
| LC50 Inhalation - Rat             | 0.33 mg/l/4h |
| LC50 Inhalation - Rat (Dust/Mist) | 0.33 mg/l/4h |

Skin corrosion/irritation : Not classified

pH: 8 – 9

Additional information : Based on available data, the classification criteria are not met

Serious eye damage/irritation : Not classified

pH: 8 – 9

Additional information : Based on available data, the classification criteria are not met

Respiratory or skin sensitisation : Not classified

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-repeated exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

### 11.2.2 Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

### Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

|                                    |                         |
|------------------------------------|-------------------------|
| LC50 - Fish [1]                    | 0.19 mg/l Rainbow trout |
| LC50 - Fish [2]                    | zonnebaars              |
| EC50 - Crustacea [1]               | 0.16 mg/l               |
| EC50 - Other aquatic organisms [1] | 0.126 mg/l waterflea    |
| EC50 - Other aquatic organisms [2] | 0.003 mg/l              |

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|                            |   |
|----------------------------|---|
| EC50 72h - Algae [1]       | 0.027 mg/l                                  |
| ErC50 algae                | 0.003 mg/l <i>Skeletonema costatum</i>      |
| ErC50 other aquatic plants | 0.018 mg/l <i>selenastrum capricornutum</i> |
| NOEC chronic fish          | 0.05 mg/l                                   |
| NOEC chronic crustacea     | 0.1 mg/l                                    |
| NOEC chronic algae         | 0.0014 mg/l                                 |

### 12.2. Persistence and degradability

#### BUFF & SHINE 2000

|                               |   |
|-------------------------------|---|
| Persistence and degradability | 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. |
|-------------------------------|---|

#### Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

|                               |  |
|-------------------------------|--|
| Persistence and degradability | t1/2 anaëroob = 0,2d. t 1/2 aëroob = 0,38 - 1,3d. 2-methyl-2H-isothiazool-3-on: t1/2 aëroob = 0,38 - 1,4d. |
|-------------------------------|--|

### 12.3. Bioaccumulative potential

#### BUFF & SHINE 2000

|                           |                     |
|---------------------------|---------------------|
| Bioaccumulative potential | No bioaccumulation. |
|---------------------------|---------------------|

#### Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

|         |     |
|---------|-----|
| Log Pow | 0.4 |
|---------|-----|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### BUFF & SHINE 2000

|  |
|--|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Waste / unused products : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR                                     | IMDG          | IATA          |
|---|---------------|---------------|
| <b>14.1. UN number or ID number</b>     |               |               |
| Not regulated                           | Not regulated | Not regulated |
| <b>14.2. UN proper shipping name</b>    |               |               |
| Not regulated                           | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |
| Not regulated                           | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |
| Not regulated                           | Not regulated | Not regulated |

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### 14.5. Environmental hazards

|  |               |               |
|--|---------------|---------------|
| Not regulated                          | Not regulated | Not regulated |
| No supplementary information available |               |               |

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 20 g/l

Allergenic fragrances > 0,01%:

CITRONELLOL

Detergent Regulation (648/2004/EC): Labelling of contents:

| Component   | % |
|---|---|
| METHYLCHLOROISOTHIAZOLINONE (AND) METHYLISOTHIAZOLINONE |   |
| METHYLISOTHIAZOLINONE                                   |   |
| BENZISOTHIAZOLINONE                                     |   |
| perfumes  |   |
| CITRONELLOL   |   |

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

### Full text of H- and EUH-statements:

|                           |   |
|---------------------------|---|
| Acute Tox. 2 (Dermal)     | Acute toxicity (dermal), Category 2                             |
| Acute Tox. 2 (Inhalation) | Acute toxicity (inhal.), Category 2                             |
| Acute Tox. 3 (Oral)       | Acute toxicity (oral), Category 3                               |
| Aquatic Acute 1           | Hazardous to the aquatic environment — Acute Hazard, Category 1 |

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|                   |   |
|-------------------|---|
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1   |
| Eye Dam. 1        | Serious eye damage/eye irritation, Category 1   |
| Eye Irrit. 2      | Serious eye damage/eye irritation, Category 2   |
| Skin Corr. 1C     | Skin corrosion/irritation, Category 1, Sub-Category 1C  |
| Skin Irrit. 2     | Skin corrosion/irritation, Category 2   |
| Skin Sens. 1A     | Skin sensitisation, category 1A   |
| H301              | Toxic if swallowed.   |
| H310              | Fatal in contact with skin.   |
| H314              | Causes severe skin burns and eye damage.  |
| H315              | Causes skin irritation.   |
| H317              | May cause an allergic skin reaction.  |
| H318              | Causes serious eye damage.  |
| H319              | Causes serious eye irritation.  |
| H330              | Fatal if inhaled.   |
| H400              | Very toxic to aquatic life.   |
| H410              | Very toxic to aquatic life with long lasting effects.   |
| EUH208            | Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction. |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.