

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

- **1.1 Product identifier**
- **Trade name:** *Suma Café Liquid C 2.3*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation:** *Coffee equipment cleaner*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

|                                                                                                                                                            |                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <i>Urnex Brands, Inc.<br/>700 Executive Blvd.<br/>Elmsford, NY 10523 USA<br/>Phone: +1-914-963-2042<br/>Fax: +1-914-963-2145<br/>Email: info@urnex.com</i> | <i>Urnex Brands, Inc.<br/>29 Harley Street, London, W1G 9QR<br/>United Kingdom<br/>Tel: +44 (0)20 7927 6881</i> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
- **Further information obtainable from:**

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Email: sds@chemservice-group.com*
- **1.4 Emergency telephone number:**

*Tel.: 800-424-9300 (USA)  
Tel.: 001-703-527-3887 (INTERNATIONAL COLLECT ACCEPTED)*

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC Void**
- **Information concerning particular hazards for human and environment:**

*The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*
- **Classification system:**

*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*
- **2.2 Label elements**
- **Labelling according to EU guidelines:**

*Observe the general safety regulations when handling chemicals.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).*
- **Safety phrases:**

*2 Keep out of the reach of children.  
23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).*
- **Special labelling of certain preparations:**

*Safety data sheet available for professional user on request.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not determined*
- **vPvB:** *Not determined*

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### SECTION 3: Composition/information on ingredients

#### 3.2 Chemical characterization: Mixtures

##### Dangerous components:

|                            |                                                                                                                                                                                                                                |      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| CAS: 6834-92-0             | disodium metasilicate                                                                                                                                                                                                          | < 3% |
| EINECS: 229-912-9          |  C R34;  Xi R37                                              |      |
| Index number: 014-010-00-8 |  Met. Corr. 1, H290; Skin Corr. 1B, H314;  STOT SE 3, H335 |      |

Additional information: For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information:

Take affected persons out of danger area and lay down.

Immediately remove any clothing soiled by the product.

After inhalation: Supply fresh air; consult doctor in case of complaints.

##### After skin contact:

Immediately rinse with water.

If skin irritation continues, consult a doctor.

##### After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Remove contact lenses, if present and easy to do. Continue rinsing.

##### After swallowing:

Rinse out mouth and then drink plenty of water.

Seek immediate medical advice.

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:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents: Water with full jet

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

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide (CO)

#### 5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

##### Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation.

Wear protective clothing.

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- **6.2 Environmental precautions:**  
*Dilute with plenty of water.*  
*Do not allow to enter sewers/ surface or ground water.*
- **6.3 Methods and material for containment and cleaning up:**  
*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*  
*Ensure adequate ventilation.*  
*Dispose of the material collected according to regulations.*
- **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.*

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
*Ensure good ventilation/exhaustion at the workplace.*  
*Prevent formation of aerosols.*
- **Information about fire and explosion protection:** *Keep respiratory protective device available.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**  
· **Requirements to be met by storerooms and receptacles:** *Store only in the original receptacle.*  
· **Information about storage in one common storage facility:** *Store away from oxidizing agents.*  
· **Further information about storage conditions:**  
*Keep container tightly sealed.*  
*Store under lock and key and out of the reach of children.*
- **7.3 Specific end use(s)** *No further relevant information available.*

## 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.*
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
*Do not inhale gases / fumes / aerosols.*  
*The usual precautionary measures are to be adhered to when handling chemicals.*
- **Respiratory protection:** *Not necessary if room is well-ventilated.*
- **Protection of hands:**



Protective gloves

- *Avoid direct contact with the chemical/ the product/ the preparation by organizational measures.*  
*To avoid skin problems reduce the wearing of gloves to the required minimum.*  
*Check protective gloves prior to each use for their proper condition.*  
*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*
- **Material of gloves**

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The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

≥ 480 min

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **For the permanent contact gloves made of the following materials are suitable:** Nitrile rubber, NBR

· **As protection from splashes gloves made of the following materials are suitable:** Natural rubber, NR

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

## SECTION 9: Physical and chemical properties

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

#### · General Information

#### · Appearance:

|                  |                 |
|------------------|-----------------|
| Form:            | Fluid           |
| Colour:          | Light blue      |
| Odour:           | Characteristic  |
| Odour threshold: | Not determined. |

· **pH-value (10 g/l) at 20 °C:** 11.35 - 11.40

#### · Change in condition

|                              |                 |
|------------------------------|-----------------|
| Melting point/Melting range: | Not determined. |
| Boiling point/Boiling range: | Not determined. |

· **Flash point:** Not determined.

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

#### · Explosion limits:

|        |                 |
|--------|-----------------|
| Lower: | Not determined. |
| Upper: | Not determined. |

· **Oxidizing properties** No

· **Vapour pressure:** Not determined.

· **Density:** Not determined.

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with water:** Fully miscible.

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- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic:** Not determined.
  - Kinematic:** Not determined.
- **9.2 Other information** No further relevant information available.

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** No decomposition if used and stored 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 toxicological effects**
- **Acute toxicity:**

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

**6834-92-0 disodium metasilicate**

Oral LD50 1153 mg/kg (Rat)

- **Primary irritant effect:**
  - on the skin:** Irritant to skin and mucous membranes.
  - on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Toxicokinetics, metabolism and distribution** No further relevant information available.
- **Acute effects (acute toxicity, irritation and corrosivity)** No further relevant information available.
- **Repeated dose toxicity** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
No further relevant information available.

## SECTION 12: Ecological information

- **12.1 Toxicity**
  - Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** The organic portion of the product is biodegradable.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
  - Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
  - Do not allow product to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
  - PBT:** Not determined
  - vPvB:** Not determined

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- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **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

- |                                                                                         |                                                      |
|-----------------------------------------------------------------------------------------|------------------------------------------------------|
| · <b>14.1 UN-Number</b>                                                                 | Void                                                 |
| · <b>ADR, IMDG, IATA</b>                                                                | Void                                                 |
| · <b>14.2 UN proper shipping name</b>                                                   | Void                                                 |
| · <b>ADR, IMDG, IATA</b>                                                                | Void                                                 |
| · <b>14.3 Transport hazard class(es)</b>                                                | Void                                                 |
| · <b>ADR, IMDG, IATA</b>                                                                | Void                                                 |
| · <b>Class</b>                                                                          | Void                                                 |
| · <b>14.4 Packing group</b>                                                             | Void                                                 |
| · <b>ADR, IMDG, IATA</b>                                                                | Void                                                 |
| · <b>14.5 Environmental hazards:</b>                                                    |                                                      |
| · <b>Marine pollutant:</b>                                                              | No                                                   |
| · <b>14.6 Special precautions for user</b>                                              | Not applicable.                                      |
| · <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b> | Not applicable.                                      |
| · <b>Transport/Additional information:</b>                                              | Not dangerous according to the above specifications. |

### SECTION 15: Regulatory information

- **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.

- **Relevant phrases**  
H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.  
.....  
R34 Causes burns.  
R37 Irritating to respiratory system.
- **Department issuing SDS:**  
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D-67549 Worms

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