

Safety Data Sheet

Suma Café Powder C2.1 2x0.566 kg

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

1.1. Product identifier

Product form : Mixture
Product name : Suma Café Powder C2.1 2x0.566 kg
Product code : C2.1
Product description : Coffee/Espresso machine/equipment cleaner.
Product type : Solid
Other means of identification : Not available

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

1.2.1. Relevant identified uses

Intended for general public

Main use category : Consumer use, Industrial use
Use of the substance/mixture : Coffee/Espresso machine/equipment cleaner.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier Details

Urnex Brands, LLC
29 Harley Street, London, W1G 9QR
United Kingdom
Tel: +44 (0)20 7927 6881

Sold by Diversey Europe Operations, B.V. Maarssenbroeksedijk 2, 3542 DN Utrecht, The Netherlands

Manufacturer

Urnex Brands, LLC
700 Executive Blvd.
10523 Elmsford, NY - USA
T +1-914-963-2042 - F +1-914-963-2145

e-mail address of person responsible for this SDS : info@urnex.com

1.4. Emergency telephone number

National advisory body/Poison Centre

National Poisons Information Service : 844 892 0111
Emergency number : International (Infotrac): +1 (352) 323-3500
24/7

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2 H319

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The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

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.

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)

:



GHS07

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H319 - Causes serious eye irritation.

Precautionary statements:

General

P103 - Read label before use.

P102 - Keep out of reach of children.

P101 - If medical advice is needed, have product container or label at hand.

Prevention precautionary statements

: P280 - Wear eye protection, face protection.

P264 - Wash hands thoroughly after handling.

Response Precautionary Statements

: P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage precautionary statements

: Not applicable

Disposal precautionary statements

: Not applicable

Unknown acute toxicity (CLP) - SDS

: 8.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

76.58% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

100% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

Unknown hazards to the aquatic environment (CLP)

: Contains 49.83 % of components with unknown hazards to the aquatic environment

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

: Not applicable

Special packaging requirements:

Child-resistant fastening

: Not applicable

Tactile warning

: Not applicable

2.3. Other hazards

Other hazards which do not result in classification

: None known.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Type
Disodium carbonate	(CAS-No.) 497-19-8 (EC-No.) 207-838-8 (EC Index-No.) 011-005-00-2	>= 25 - <= 50	Eye Irrit. 2, H319	[1]
Sodium percarbonate	(CAS-No.) 15630-89-4 (EC-No.) 239-707-6	>= 10 - < 25	Ox. Sol. 2, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318	[1]
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	(CAS-No.) 68955-19-1 (EC-No.) 273-257-1	>= 1 - < 3	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	[1]

Full text of H-statements: see section 16

There are no additional 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.

Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation** : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact** : If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists. Wash clothing before re-using.
- First-aid measures after eye contact** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion** : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

- Symptoms/effects after inhalation** : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact** : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
- Symptoms/effects after eye contact** : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/effects after ingestion** : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media** : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media** : None known.

5.2. Special hazards arising from the substance or mixture

- Fire hazard** : Products of combustion may include, and are not limited to: oxides of carbon. Metal oxides.

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5.3. Advice for firefighters

- Firefighting instructions : Isolate the hazard area. Deny entry to unnecessary and unprotected personnel.
- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel. Do not touch or walk on the spilled product. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Wear appropriate PPE (see Section 8).

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid dispersal or 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 material for containment and cleaning up

- For containment : Stop leak without risks if possible. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Handle and open container with care. When using do not eat, drink or smoke. Empty containers may contain residues which are hazardous. Do not reuse container.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of the reach of children. Keep container tightly closed. 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. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate container to avoid environmental contamination.

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

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Hand protection:

Wear suitable gloves

Eye protection:

Safety eyewear complying with an approved standard such as the European Standard EN166 should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls:

Avoid release to the environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: No data available
Colour	: White
Odour	: Characteristic
Odour threshold	: No data available
pH	: 10.45 - 11 [Conc. (% w/w): 1%]
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: Not applicable
Relative density	: No data available
Solubility	: Soluble in water
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: No specific fire or explosion hazard.
Oxidising properties	: No.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

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10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Metal oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified.
 Acute toxicity (dermal) : Not classified.
 Acute toxicity (inhalation) : Not classified.

Disodium carbonate (497-19-8)	
LD50 oral rat	4090 mg/kg
Sodium percarbonate (15630-89-4)	
LD50 oral rat	1034 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg

Unknown acute toxicity (CLP) - SDS : 8.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
 76.58% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
 100 of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

Skin corrosion/irritation : Not classified.

pH: 10.45 - 11 [Conc. (% w/w): 1%]

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

Serious eye damage/irritation : Causes serious eye irritation.

pH: 10.45 - 11 [Conc. (% w/w): 1%]

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.

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

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Unknown hazards to the aquatic environment (CLP)	: Contains 49.83 % of components with unknown hazards to the aquatic environment
Acute aquatic toxicity	: Not classified.
Chronic aquatic toxicity	: Not classified.

Disodium carbonate (497-19-8)	
LC50 fish 1	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 fish 2	310 - 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Sodium percarbonate (15630-89-4)	
LC50 fish 1	70.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	4.9 mg/l (Exposure time: 48 h - Species: Daphnia pulex)

Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)	
EC50 96h algae	42 mg/l (Species: Desmodesmus subspicatus)

12.2. Persistence and degradability

Suma Café Powder C2.1 2x0.566 kg	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Suma Café Powder C2.1 2x0.566 kg	
Bioaccumulative potential	Not established.

Disodium carbonate (497-19-8)	
BCF fish 1	(no bioaccumulation)

Sodium percarbonate (15630-89-4)	
BCF fish 1	(no bioaccumulation)

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : No other effects known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : 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.

SECTION 14: Transport information

In accordance with ADN / IATA / IMDG / ADR

14.1. UN number

UN-No. (ADR)	: Not regulated
UN-No. (IMDG)	: Not regulated
UN-No. (IATA)	: Not regulated
UN-No. (ADN)	: Not regulated

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not regulated
Proper Shipping Name (IMDG)	: Not regulated
Proper Shipping Name (IATA)	: Not regulated
Proper Shipping Name (ADN)	: Not regulated

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14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not regulated

IMDG

Transport hazard class(es) (IMDG) : Not regulated

IATA

Transport hazard class(es) (IATA) : Not regulated

ADN

Transport hazard class(es) (ADN) : Not regulated

14.4. Packing group

Packing group (ADR) : Not regulated

Packing group (IMDG) : Not regulated

Packing group (IATA) : Not regulated

Packing group (ADN) : Not regulated

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available.

14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

- Overland transport

Not regulated

- Transport by sea

Not regulated

- Air transport

Not regulated

- Inland waterway transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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 REACH candidate substance.

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.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Contains no REACH Annex XIV substances

Seveso Information

: This product is not controlled under the Seveso Directive.

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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

Indication of changes:

None.

Abbreviations and acronyms:

°C – Degrees Celsius
 °F – Degrees Fahrenheit
 ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ACGIH – American Conference of Governmental Industrial Hygienists
 ATE – Acute Toxicity Estimate
 BCF – Bioconcentration Factor
 BEI – Biological Exposure Index
 CAS – Chemical Abstracts Service
 CLP – Regulation (EC) No 1272/2008 on the Classification, Labeling and Packaging of substances and mixtures.
 cP – centipoise (unit of dynamic viscosity)
 cSt – centistokes (unit of kinematic viscosity)
 DNEL – Derived No-effect Level
 EC50 – Half maximal effective concentration
 ECHA – European Chemicals Agency
 EC-No. – European Community number
 EU – European Union
 GHS – Globally Harmonized System of Classification and Labelling of Chemicals
 h – Hours
 IATA – International Air Transport Association
 IDLH – Immediately Dangerous to Life or Health
 IMDG – International Maritime Dangerous Goods
 IOELV – Indicative Occupational Exposure Limit Value
 kPa – kilopascal
 Kow – Octanol-Water Partition Coefficient
 LC50 – Median Lethal Concentration
 LD50 – Median Lethal Dose
 mg/l – Milligram per liter
 mg/kg – Milligram per kilogram
 mg/m³ – Milligram per cubic meter
 Min – Minutes
 NIOSH – National Institute for Occupational Safety and Health
 NOEC – No Observed Effect Concentration
 N.O.S. – Not Otherwise Specified
 OEL – Occupational Exposure Limit
 PBT - Persistent, Bioaccumulative and Toxic
 ppm – Parts per million
 PVC – Polyvinyl chloride
 REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
 RID – European Agreement concerning the International Carriage of Dangerous Goods by Rail
 SDS – Safety Data Sheet
 STEL – Short Term Exposure Limit
 TLV – Threshold Limit Value
 TWA – Time Weighted Average
 UN – United Nations
 vPvB - Very Persistent and Very Bioaccumulative

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. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Ox. Sol. 2	Oxidising Solids, Category 2

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Skin Irrit. 2	Skin corrosion/irritation, Category 2
H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Eye Irrit. 2	H319	Expert judgment
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History

Date of issue: 2019-04-23

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