



# Cafiza Espresso Machine Cleaning Tablets

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758.

Issue date: 6/3/2022 Revision date: 6/3/2022

Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Cafiza Espresso Machine Cleaning Tablets

#### 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  
Use of the substance/mixture : Cleaner

##### 1.2.2. Uses advised against

No additional information available

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

##### Manufacturer

Urnex Brands, LLC  
700 Executive Blvd.  
Elmsford, NY 10523 - USA  
T +1-914-963-2042 - F +1-914-963-2145  
[info@urnex.com](mailto:info@urnex.com)

##### Distributor

Urnex Brands, LLC  
Unit 5  
Flanders Industrial Estate  
Hedge End  
SO30 2FZ  
02039 151 930

#### 1.4. Emergency telephone number

Emergency number : International (Infotrac): +1 800-535-5053  
UK National 0330 +44 330 027 0156

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Skin Irrit. 2 H315  
Eye Irrit. 2 H319

Full text of hazard classes, H- and EUH-statements: see section 16

##### 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) : H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
Precautionary statements (CLP) : P264 - Wash hands thoroughly after handling.  
P280 - Wear eye protection, protective gloves.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

#### 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

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                      | Product identifier                                                                                      | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                  |
|---------------------------|---------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------|
| Sodium carbonate          | (CAS-No.) 497-19-8<br>(EC-No.) 207-838-8<br>(EC Index-No.) 011-005-00-2<br>(REACH-no) 01-2119485498-19  | 30 – 40 | Eye Irrit. 2, H319                                                                               |
| Sodium carbonate peroxide | (CAS-No.) 15630-89-4<br>(EC-No.) 239-707-6<br>(REACH-no) 01-2119457268-30                               | 20 – 30 | Ox. Sol. 2, H272<br>Acute Tox. 4 (Oral), H302<br>(ATE=1034 mg/kg bodyweight)<br>Eye Dam. 1, H318 |
| Sulfamic acid             | (CAS-No.) 5329-14-6<br>(EC-No.) 226-218-8<br>(EC Index-No.) 016-026-00-0<br>(REACH-no) 01-2119488633-28 | 10 – 20 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412                             |
| Alcohols ethoxylated      | (CAS-No.) 68439-46-3<br>(EC-No.) 614-482-0                                                              | 1 - 2   | Acute Tox. 4 (Oral), H302<br>(ATE=1400 mg/kg bodyweight)<br>Eye Dam. 1, H318                     |
| Sodium lauryl sulfate     | (CAS-No.) 68955-19-1<br>(EC-No.) 273-257-1                                                              | 0.1 - 1 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412                               |

#### Specific concentration limits:

| Name                      | Product identifier                                                        | Specific concentration limits                                        |
|---------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------|
| Sodium carbonate peroxide | (CAS-No.) 15630-89-4<br>(EC-No.) 239-707-6<br>(REACH-no) 01-2119457268-30 | ( 7.5 ≤C < 25) Eye Irrit. 2, H319<br>( 25 ≤C < 100) Eye Dam. 1, H318 |
| Sodium lauryl sulfate     | (CAS-No.) 68955-19-1<br>(EC-No.) 273-257-1                                | ( 10 ≤C < 20) Eye Irrit. 2, H319<br>( 20 ≤C < 100) Eye Dam. 1, H318  |

Full text of H- and EUH-statements: see section 16

### 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 ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.                                   |
| 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 | : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.                                                                 |
| 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 | : Do not use water jet.                                     |

#### 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. |
|-------------|---------------------------------------------------------------------------------|

#### 5.3. Advice for firefighters

|                                |                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Protection during firefighting | : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|

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### 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

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

For containment : Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

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. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Good housekeeping is important to prevent accumulation of dust.

Hygiene measures : Take off contaminated clothing and wash it 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 a dry, cool and well-ventilated place.

#### 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. Provide readily accessible eye wash stations and safety showers.

##### Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

##### 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.

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### SECTION 9: Physical and chemical properties

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

|                                            |                         |
|--------------------------------------------|-------------------------|
| Physical state                             | : Solid                 |
| Appearance                                 | : Granules. Powder      |
| Colour                                     | : White                 |
| Odour                                      | : None                  |
| Odour threshold                            | : No data available     |
| pH                                         | : 10.25 (10 % solution) |
| Relative evaporation rate (butylacetate=1) | : No data available     |
| Melting point                              | : No data available     |
| Freezing point                             | : No data available     |
| Boiling point                              | : > 100 °C              |
| Flash point                                | : Not applicable        |
| Auto-ignition temperature                  | : Not applicable        |
| Decomposition temperature                  | : No data available     |
| Flammability (solid, gas)                  | : Not flammable         |
| Vapour pressure                            | : Not applicable        |
| Relative vapour density at 20 °C           | : Not applicable        |
| Relative density                           | : 1.025                 |
| Solubility                                 | : No data available     |
| Partition coefficient n-octanol/water      | : No data available     |
| Viscosity, kinematic                       | : Not applicable        |
| Viscosity, dynamic                         | : No data available     |
| Explosive properties                       | : No data available     |
| Oxidising properties                       | : Non oxidizing.        |
| Explosive limits                           | : Not applicable        |

#### 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.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Heat. Incompatible materials.

#### 10.5. Incompatible materials

Strong oxidizing agents. Strong acids.

#### 10.6. Hazardous decomposition products

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

### 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. |

|                |               |
|----------------|---------------|
| ATE CLP (oral) | 3952.94 mg/kg |
|----------------|---------------|

#### Sodium carbonate (497-19-8)

|                     |                                                           |
|---------------------|-----------------------------------------------------------|
| LD50 oral rat       | 4090 mg/kg                                                |
| LD50 dermal rabbit  | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: other: |
| LC50 inhalation rat | 2300 mg/m³ (Exposure time: 2 h)                           |

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|                                                 |                                                                                                                         |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Sodium carbonate peroxide (15630-89-4)</b>   |                                                                                                                         |
| LD50 oral rat                                   | 1034 mg/kg                                                                                                              |
| LD50 dermal rabbit                              | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: other:EPA Guideline                                                  |
| <b>Sulfamic acid (5329-14-6)</b>                |                                                                                                                         |
| LD50 oral rat                                   | 2065 mg/kg                                                                                                              |
| LD50 dermal rat                                 | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                              |
| <b>Alcohols ethoxylated (68439-46-3)</b>        |                                                                                                                         |
| LD50 oral rat                                   | 1400 mg/kg                                                                                                              |
| LD50 dermal rat                                 | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                              |
| LC50 inhalation rat                             | > 1.6 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity),<br>Remarks on results: other:    |
| <b>Sodium lauryl sulfate (68955-19-1)</b>       |                                                                                                                         |
| LD50 oral rat                                   | > 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.1 (Acute Toxicity (Oral))                                   |
| LD50 dermal rat                                 | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                              |
| LD50 dermal rabbit                              | > 10000 mg/kg                                                                                                           |
| Unknown acute toxicity (CLP) - SDS              | : 83.9% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))                     |
| Skin corrosion/irritation                       | : Causes skin irritation.<br>pH: 10.25                                                                                  |
| Serious eye damage/irritation                   | : Causes serious eye irritation.<br>pH: 10.25                                                                           |
| Additional information                          | : On basis of test data                                                                                                 |
| 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.                                                     |
| <b>Sulfamic acid (5329-14-6)</b>                |                                                                                                                         |
| NOAEL (animal/female, F1)                       | 500 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPP 83-4 (Reproduction and Fertility Effects)      |
| 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.                                                     |
| <b>Alcohols ethoxylated (68439-46-3)</b>        |                                                                                                                         |
| NOAEL (oral, rat, 90 days)                      | ≥ 500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| Aspiration hazard                               | : Not classified.                                                                                                       |
| Additional information                          | : Based on available data, the classification criteria are not met.                                                     |
| <b>Cafiza Espresso Machine Cleaning Tablets</b> |                                                                                                                         |
| Viscosity, kinematic                            | Not applicable                                                                                                          |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                   |
|-----------------------------------------------------------|-------------------|
| Ecology - general                                         | : Not applicable. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified. |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified. |

|                                    |                                                                               |
|------------------------------------|-------------------------------------------------------------------------------|
| <b>Sodium carbonate (497-19-8)</b> |                                                                               |
| LC50 - Fish [1]                    | 300 mg/l Test organisms (species): Lepomis macrochirus                        |
| LC50 - Fish [2]                    | 310 – 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 - Crustacea [1]               | 200 – 227 mg/l Test organisms (species): Ceriodaphnia sp.                     |

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|                                               |                                                                                                                                          |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sodium carbonate (497-19-8)</b>            |                                                                                                                                          |
| EC50 - Crustacea [2]                          | 200 – 227 mg/l Test organisms (species): Ceriodaphnia sp.                                                                                |
| <b>Sodium carbonate peroxide (15630-89-4)</b> |                                                                                                                                          |
| LC50 - Fish [1]                               | 70.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])                                                                  |
| EC50 - Crustacea [1]                          | 4.9 mg/l Test organisms (species): Daphnia pulex                                                                                         |
| <b>Sulfamic acid (5329-14-6)</b>              |                                                                                                                                          |
| LC50 - Fish [1]                               | 70.3 mg/l Test organisms (species): Pimephales promelas                                                                                  |
| EC50 - Crustacea [1]                          | 71.6 mg/l Test organisms (species): Daphnia magna                                                                                        |
| EC50 72h - Algae [1]                          | 48 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                                       |
| EC50 72h - Algae [2]                          | 33.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                                     |
| LOEC (chronic)                                | 34 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                         |
| NOEC (chronic)                                | 19 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                         |
| NOEC chronic fish                             | ≥ 60 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '34 d'                                      |
| <b>Alcohols ethoxylated (68439-46-3)</b>      |                                                                                                                                          |
| LC50 - Fish [1]                               | 5 – 7 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)                                                |
| EC50 - Crustacea [1]                          | 2.5 mg/l Test organisms (species): Daphnia magna                                                                                         |
| EC50 96h - Algae [1]                          | 1.4 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| <b>Sodium lauryl sulfate (68955-19-1)</b>     |                                                                                                                                          |
| LC50 - Fish [1]                               | 1.3 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                                                        |
| EC50 - Crustacea [1]                          | 2.8 mg/l Test organisms (species): Daphnia magna                                                                                         |
| EC50 72h - Algae [1]                          | 20 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                                       |
| EC50 72h - Algae [2]                          | 14 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                                       |
| EC50 96h - Algae [1]                          | 42 mg/l (Species: Desmodesmus subspicatus)                                                                                               |

### 12.2. Persistence and degradability

|                                                 |                  |
|-------------------------------------------------|------------------|
| <b>Cafiza Espresso Machine Cleaning Tablets</b> |                  |
| Persistence and degradability                   | Not established. |

### 12.3. Bioaccumulative potential

|                                                 |                      |
|-------------------------------------------------|----------------------|
| <b>Cafiza Espresso Machine Cleaning Tablets</b> |                      |
| Bioaccumulative potential                       | Not established.     |
| <b>Sodium carbonate (497-19-8)</b>              |                      |
| BCF - Fish [1]                                  | (no bioaccumulation) |
| <b>Sodium carbonate peroxide (15630-89-4)</b>   |                      |
| BCF - Fish [1]                                  | (no bioaccumulation) |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

|                                                                                        |  |
|----------------------------------------------------------------------------------------|--|
| <b>Cafiza Espresso Machine Cleaning Tablets</b>                                        |  |
| 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. Other adverse effects

Additional information : No other effects known

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. The generation of waste should be avoided or minimized wherever possible.

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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR                                     | IMDG          | IATA          |
|-----------------------------------------|---------------|---------------|
| <b>14.1. UN 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 |
| <b>14.5. Environmental hazards</b>      |               |               |
| Not regulated                           | Not regulated | Not regulated |
| 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

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

### SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

##### 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.

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

##### 15.1.2. National regulations

###### United Kingdom

British National Regulations : Not determined.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Abbreviations and acronyms:

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According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758.

°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.  
CMR – Carcinogen, Mutagen, Reproductive toxin  
cP – centipoise (unit of dynamic viscosity)  
cSt – centistokes (unit of kinematic viscosity)  
DNEL – Derived No-effect Level  
DMEL – Derived Minimal 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  
IC50 – Inhibition concentration  
IDLH – Immediately Dangerous to Life or Health  
IMDG – International Maritime Dangerous Goods  
IOELV – Indicative Occupational Exposure Limit Value  
KIFS – Swedish Chemicals Agency's (Kemli's) Code of Statutes  
kPa – kilopascal  
Koc – Adsorption Coefficient  
Kow – Octanol-Water Partition Coefficient  
LC50 – Median Lethal Concentration  
LD50 – Median Lethal Dose  
LOAEL – Lowest Observed Adverse Effect level  
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  
NO(A)EL – No Observed (Adverse) Effect Level  
N.O.S. – Not Otherwise Specified  
OEL – Occupational Exposure Limit  
PBT - Persistent, Bioaccumulative and Toxic  
PCN – Poison Centre Notification  
PNEC – Predicted No Effect Concentration  
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  
STOT – Specific Target Organ Toxicity  
SVHC – Substance of Very High Concern (CMR, vPvB, PBT)  
TDI – Tolerable Daily Intake  
TLV – Threshold Limit Value  
TWA – Time Weighted Average  
UFI – Unique Formulation Identifier  
UN – United Nations  
vPvB - Very Persistent and Very Bioaccumulative  
WEL – Workplace Exposure Limit  
WGK – Wassergefährdungskategorie – German water quality classification

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                     |
| H272                | May intensify fire; oxidiser.                                     |
| H302                | Harmful if swallowed.                                             |

# Cafiza Espresso Machine Cleaning Tablets

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758.

|               |                                                    |
|---------------|----------------------------------------------------|
| H315          | Causes skin irritation.                            |
| H318          | Causes serious eye damage.                         |
| H319          | Causes serious eye irritation.                     |
| H412          | Harmful to aquatic life with long lasting effects. |
| Ox. Sol. 2    | Oxidising Solids, Category 2                       |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2              |

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

|               |      |                       |
|---------------|------|-----------------------|
| Skin Irrit. 2 | H315 | Calculation method    |
| Eye Irrit. 2  | H319 | On basis of test data |

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