

SAFETY DATA SHEET

Coffeepure Tabs (CT18)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: Coffeepure Tabs (CT18)
Unique formula identifier (UFI): U590-G0HY-M00S-UXKC

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

Relevant identified uses of the substance or mixture: Cleaning product
Uses advised against: None known.

1.3. Details of the supplier of the safety data sheet

Company and address: **Urnex Brands, LLC**
 700 Executive Blvd.
 Elmsford, NY 10523
 USA
 +1 (914) 963-2042
 +1 (914) 963-2145
 www.urnex.com

Distributor: **SCHAERER AG**
 Niedermattstrasse 3
 Halle 330
 4528 Zuchwil
 Switzerland
 +41 (0)32 681 62 00
 www.schaerer.com

Contact person: Customer support
E-mail: info@urnex.com
Revision: 10/07/2023
SDS Version: 1.0

1.4. Emergency telephone number

Infotrac +1 (352) 323-3500
 Contact The National Poisons Information Service (dial 111, 24 h service).
 See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Eye Irrit. 2; H319, Causes serious eye irritation.

2.2. Label elements

Hazard pictogram(s):



<i>Signal word:</i>	Warning
<i>Hazard statement(s):</i>	Causes serious eye irritation. (H319)
<i>Precautionary statement(s):</i>	
<i>General:</i>	-
<i>Prevention:</i>	Wear eye protection. (P280)
<i>Response:</i>	If eye irritation persists: Get medical advice/attention. (P337+P313)
<i>Storage:</i>	-
<i>Disposal:</i>	-
<i>Hazardous substances:</i>	None known.
<i>Additional labelling:</i>	UFI: U590-G0HY-M00S-UXKC

2.3. Other hazards

<i>Additional warnings:</i>	This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Sodium carbonate	CAS No.: 497-19-8 EC No.: 207-838-8 UK-REACH: Index No.: 011-005-00-2	25-40%	Eye Irrit. 2, H319	
Sodium percarbonate	CAS No.: 15630-89-4 EC No.: 239-707-6 UK-REACH: Index No.:	15-25%	Ox. Sol. 2, H272 Acute Tox. 4, H302 Eye Dam. 1, H318	
Tartaric acid	CAS No.: 87-69-4 EC No.: 201-766-0 UK-REACH: Index No.:	15-25%	Eye Dam. 1, H318	
Sodium lauryl sulfate	CAS No.: 85586-07-8 EC No.: 287-809-4 UK-REACH: Index No.:	1-3%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
Alcohols, C9-11, ethoxylated	CAS No.: 68439-46-3 EC No.: 614-482-0 UK-REACH:	1-3%	Acute Tox. 4, H302 Eye Dam. 1, H318	[19]

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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law

- 15% - 30%
- Oxygen-based bleaching Agents
- Phosphates
- < 5%
- Anionic surfactants
- Non-ionic surfactants

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person’s condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion:

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns: Not applicable.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If eye irritation persists: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
 Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂)
 Some metal oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Minor spills are collected with a cloth. Collection and disposal of the material shall be done with minimum creation of dust. Sweep and collect. Shall be contained in suitable and tightly closed disposal containers.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage material: Keep only in original packaging.
Storage temperature: Dry, cool and well ventilated
Incompatible materials: Strong oxidizing agents

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Sodium pyrophosphate
 Long term exposure limit (8 hours) (mg/m³): 5

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
 EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

Alcohols, C9-11, ethoxylated

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	1250 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2080 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	87 mg/m ³
Long term – Systemic effects - Workers	Inhalation	294 mg/m ³
Long term – Systemic effects - General population	Oral	25 mg/kg bw/day

Sodium carbonate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	5 mg/m ³
Long term – Local effects - Workers	Inhalation	10 mg/m ³

Sodium lauryl sulfate

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	2440 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	4060 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	85 mg/m ³
Long term – Systemic effects - Workers	Inhalation	285 mg/m ³
Long term – Systemic effects - General population	Oral	24 mg/kg bw/day

Sodium percarbonate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	6.4 mg/cm ²
Long term – Local effects - Workers	Dermal	12.8 mg/cm ²
Short term – Local effects - General population	Dermal	6.4 mg/cm ²

Short term – Local effects - Workers	Dermal	12.8 mg/cm ²
Long term – Local effects - Workers	Inhalation	5 mg/m ³

Sodium pyrophosphate

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Inhalation	4.35 mg/m ³
Long term – Systemic effects - Workers	Inhalation	17.63 mg/m ³

PNEC

Alcohols, C9-11, ethoxylated

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		103.79 µg/L
Freshwater sediment		13.7 mg/kg
Intermittent release (freshwater)		14 µg/L
Marine water		103.79 µg/L
Marine water sediment		13.7 mg/kg
Sewage treatment plant		1.4 mg/L
Soil		1 mg/kg

Sodium lauryl sulfate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		131 µg/L
Freshwater sediment		4.61 mg/kg
Intermittent release (freshwater)		36 µg/L
Marine water		13.1 µg/L
Marine water sediment		461 µg/kg
Sewage treatment plant		1.35 mg/L
Soil		846 µg/kg

Sodium percarbonate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		35 µg/L
Intermittent release (freshwater)		35 µg/L
Marine water		35 µg/L
Sewage treatment plant		16.24 mg/L

Sodium pyrophosphate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		50 µg/L
Intermittent release (freshwater)		500 µg/L
Marine water		5 µg/L
Sewage treatment plant		50 mg/L

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food

Exposure scenarios:

is not allowed in the work area.

Exposure limits:

There are no exposure scenarios implemented for this product.

Appropriate technical measures:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Hygiene measures:

Apply standard precautions during use of the product. Avoid inhalation of gas or dust. Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and showers are clearly marked.

Measures to avoid environmental exposure:

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only UKCA marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Gloves	-	-	EN374	

Eye protection:

Type	Standards	
Safety glasses	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<i>Physical state:</i>	Solid
<i>Colour:</i>	White
<i>Odour / Odour threshold:</i>	Testing not relevant or not possible due to the nature of the product.
<i>pH:</i>	-
<i>pH in solution:</i>	9.91 (1%)
<i>Density (g/cm³):</i>	Testing not relevant or not possible due to the nature of the product.
<i>Relative density:</i>	0.8323
<i>Kinematic viscosity:</i>	Does not apply to solids.
<i>Particle characteristics:</i>	Testing not relevant or not possible due to the nature of the product.

Phase changes

<i>Melting point/Freezing point (°C):</i>	Testing not relevant or not possible due to the nature of the product.
<i>Softening point/range (waxes and pastes) (°C):</i>	Does not apply to solids.
<i>Boiling point (°C):</i>	Does not apply to solids.
<i>Vapour pressure:</i>	Testing not relevant or not possible due to the nature of the product.
<i>Relative vapour density:</i>	Does not apply to solids.
<i>Decomposition temperature (°C):</i>	Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

<i>Flash point (°C):</i>	Does not apply to solids.
<i>Flammability (°C):</i>	The material is not combustible.
<i>Auto-ignition temperature (°C):</i>	Testing not relevant or not possible due to the nature of the product.
<i>Lower and upper explosion limit (% v/v):</i>	Does not apply to solids.

Solubility

<i>Solubility in water:</i>	Testing not relevant or not possible due to the nature of the product.
<i>n-octanol/water coefficient:</i>	Testing not relevant or not possible due to the nature of the product.
<i>Solubility in fat (g/L):</i>	Testing not relevant or not possible due to the nature of the product.

9.2. Other information

<i>Oxidizing properties:</i>	Testing not relevant or not possible due to the nature of the product.
<i>Other physical and chemical parameters:</i>	No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

Acute toxicity

Product/substance	Sodium carbonate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2800 mg/kg

Product/substance	Sodium carbonate
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	Sodium percarbonate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1034 mg/kg

Product/substance	Sodium percarbonate
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	Tartaric acid
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/kgbw

Product/substance	Tartaric acid
Species:	Rat

Route of exposure:	Oral
Test:	LD50
Result:	> 2000 mg/kgbw
Product/substance	Sodium lauryl sulfate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2000 mg/kg
Product/substance	Sodium lauryl sulfate
Species:	Rat
Route of exposure:	Oral
Test:	LOAEL
Result:	300 mg/kg bw/day
Product/substance	Sodium lauryl sulfate
Species:	Rat
Route of exposure:	Oral
Test:	NOAEL
Result:	100 mg/kg bw/day
Product/substance	Alcohols, C9-11, ethoxylated
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1400 mg/kg
Product/substance	Alcohols, C9-11, ethoxylated
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>5000 mg/kg
Product/substance	Sodium pyrophosphate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	300 - 2000 mg/kg
Product/substance	Sodium pyrophosphate
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	7940 mg/kg

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory sensitisation

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

Skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards

Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties

Not applicable.

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	Sodium carbonate
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	300 mg/L

Product/substance	Sodium carbonate
Species:	Ceriodaphnia dubia
Duration:	48 hours
Test:	EC50
Result:	20-227 mg/L

Product/substance	Sodium percarbonate
Species:	Fish, Pimephales promelas
Compartment:	Freshwater
Duration:	96 hours
Test:	LC50
Result:	70.7 mg/L

Product/substance	Sodium percarbonate
Species:	Daphnia pulex
Compartment:	Freshwater
Duration:	48 hours
Test:	EC50
Result:	4.9 mg/L

Product/substance	Sodium lauryl sulfate
Species:	Algae
Duration:	
Test:	EC50

Result: 10-100 mg/L

Product/substance Alcohols, C9-11, ethoxylated
 Species: Pimephales promelas
 Duration: 96 hours
 Test: LC50
 Result: 8.5 mg/L

Product/substance Alcohols, C9-11, ethoxylated
 Species: Daphnia magna
 Duration: 48 hours
 Test: EC50
 Result: 5.3 mg/L

Product/substance Alcohols, C9-11, ethoxylated
 Species: Algae
 Duration: 96 hours
 Test: EC50
 Result: 1-10 mg/L

12.2. Persistence and degradability

Product/substance Tartaric acid
 Biodegradable: Yes
 Test method:
 Result:

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties

Not applicable.

12.7. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product is covered by the regulations on hazardous waste.
 HP 4 - Irritant (skin irritation and eye damage)
 Dispose of contents/container to an approved waste disposal plant.
 Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

Not applicable.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION

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

Restrictions for application:

Restricted to professional users.

Demands for specific education:

No specific requirements.

SEVESO - Categories / dangerous substances:

Not applicable.

Additional information:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. 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.

Sources:

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.
 Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
 Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
 Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

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.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
 ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
 ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 CAS = Chemical Abstracts Service
 CE = Conformité Européenne (European conformity)
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
 CSA = Chemical Safety Assessment
 CSR = Chemical Safety Report
 DMEL = Derived Minimal Effect Level
 DNEL = Derived No Effect Level
 EINECS = European Inventory of Existing Commercial chemical Substances
 ES = Exposure Scenario
 EUH statement = CLP-specific Hazard statement
 EWC = European Waste Catalogue
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IARC = International Agency for Research on Cancer (IARC)
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = International Maritime Dangerous Goods
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 OECD = Organisation for Economic Co-operation and Development
 PBT = Persistent, Bioaccumulative and Toxic
 PNEC = Predicted No Effect Concentration
 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
 RRN = REACH Registration Number
 SCL = A specific concentration limit
 SVHC = Substances of Very High Concern
 STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
 STOT-SE = Specific Target Organ Toxicity - Single Exposure
 TWA = Time weighted average
 UN = United Nations
 UVBC = Unknown or variable composition, complex reaction products or of biological materials
 VOC = Volatile Organic Compound
 vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture is based on test data.

The safety data sheet is validated by

PurposeBuilt Brands Regulatory Team

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en