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Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date: 17.04.2024 Version number 3.0 (replaces version 2.2) Revision: 17.04.2024

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

1.1 Product identifier

Trade name: Jura Cleaning tablets

UFI: AD70-Q04A-300P-Q9TM

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

Tablets for cleaning and maintaining fully automatic coffee machines

1.3 Details of the supplier of the safety data sheet

Supplier:

JURA Elektroapparate AG CH-4626 Niederbuchsiten Tel.: +41 (0)62 389 82 33

JURA Elektogeräte Vertriebs-GmbH

D-90268 Nürnberg Tel.: +49 (0)911 25 25 0

Manufacturer:

Oxytabs GmbH
- Member of the Medea Group Pellwormer Straße 1
D-24768 Rendsburg
Germany

Further information obtainable from:

Tel.: +49 4331 69620 0 Fax: +49 4331 69620 22 E-Mail: info@oxytabs.de

1.4 Emergency telephone number:

Poison Centre Berlin - Emergency call of the Charité

D-13437 Berlin

Phone: +49 30 30686 700 Emergency call Vienna A-1010 Vienna

Phone: +43 1 406 43 43 Tox Info Suisse

CH-8032 Zurich

Phone: +41 442515151, national: 145

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2 H319 Causes serious eye irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

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Hazard pictograms



Signal word Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

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

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

Results of PBT and vPvB assessment

PRT

The product does not contain components classified as persistent, bioaccumulative and toxic (PBT) in concentrations of 0.1% or higher.

vPvB:

The product does not contain components classified as very persistent and very bioaccumulative (vPvB) in concentrations of 0.1% or higher.

Determination of endocrine-disrupting properties

The product does not contain ingredients that are endocrine disruptors according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2 Reg.nr.: 01-2119485498-19	Sodium carbonate Eye Irrit. 2, H319	25-<50%
CAS: 15630-89-4 EINECS: 239-707-6 Reg.nr.: 01-2119457268-30	Sodium percarbonate Ox. Sol. 3, H272; Eye Dam. 1, H318; Acute Tox. 4, H302 Specific concentration limits: Eye Dam. 1; H318: C ≥ 25 % Eye Irrit. 2; H319: 7.5 % ≤ C < 25 %	≥10-<15%
CAS: 124-04-9 EINECS: 204-673-3 Index number: 607-144-00-9 Reg.nr.: 01-2119457561-38	Adipic acid Eye Irrit. 2, H319	2.5-<10%
CAS: 68439-57-6 EINECS: 270-407-8 Reg.nr.: 01-2119513401-57	Sodium C14-16 olefin sulphonate Eye Dam. 1, H318; Skin Irrit. 2, H315 Specific concentration limits: Skin Irrit. 2; H315: $C \ge 5$ % Eye Dam. 1; H318: $C \ge 38$ % Eye Irrit. 2; H319: $5 \% \le C < 38$ %	≥5-<10%
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 CAS: 85586-07-8

 EINECS: 287-809-4
 Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412

 Specific concentration limits: Eye Dam. 1; H318: C ≥ 20 %
 Eye Irrit. 2; H319: 10 % ≤ C < 20 %</td>

 Regulation (EC) No 648/2004 on detergents / Labelling for contents

 oxygen-based bleaching agents, anionic surfactants
 ≥5 - <15%</td>

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

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: No special measures required.

After inhalation: Supply fresh air.

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.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting.

If symptoms persist consult doctor.

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:

CO2, powder or water spray. Fight larger fires with water spray. Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with the eyes and skin.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

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.

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See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling No special precautions are necessary if used correctly.

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: Not required.

Further information about storage conditions:

Protect from humidity and water.

Protect from heat and direct sunlight.

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.

497-19-8 \$	Sodium carbonate		
Inhalative	Short-term exposure, local	10 mg/m³ (Consumers)	
	Long-term exposure, local	5 mg/m³ (general population)	
		10 mg/m³ (Employees)	
15630-89-	4 Sodium percarbonate		
Dermal	Short-term exposure, local	6.4 mg/cm² (Consumers)	
	Long-term exposure, local	12.8 mg/cm² (Employees)	
		6.4 mg/cm² (Consumers)	
Inhalative	Long-term exposure, local	5 mg/m³ (Employees)	
124-04-9	Adipic acid		
Oral	Short-term exposure, systemic	19 mg/kg (Consumers)	
	Long-term exposure, systemic	19 mg/kg (Consumers)	
Dermal	Kurzzeit-Exposition, systemisch	38 mg/kg (Employees)	
		19 mg/kg (Consumers)	
	Long-term exposure, systemic	38 mg/kg (Employees)	
		19 mg/kg (Consumers)	
Inhalative	Short-term exposure, local	5 mg/m³ (Employees)	
	Short-term exposure, systemic	264 mg/m³ (Employees)	
		65 mg/m³ (Consumers)	
	Long-term exposure, local	5 mg/m³	
	Long-term exposure, systemic	264 mg/m³ (Employees)	
		65 mg/m³ (Consumers)	
68439-57-	6 Sodium C14-16 olefin sulpho	nate	
Oral	Long-term exposure, systemic	12.95 mg/kg (Consumers)	
Dermal	Long-term exposure, systemic	2,158.33 mg/kg (Employees)	
		1,295 mg/kg (Consumers)	

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Inhalative	Long-term ex	posure, systemic	152.22 mg/m³ (Employees)
			45.04 mg/m³ (Consumers)
		2-C14 alkyl sulpha	
	•	posure, systemic	24 mg/kg (general population)
Dermal	Long-term ex	posure, systemic	2,440 mg/kg (general population)
			4,060 mg/kg (Employees)
Inhalative	Long-term ex	posure, systemic	85 mg/m³ (general population)
			285 mg/m³ (Employees)
PNECs			
15630-89-4	4 Sodium per	carbonate	
Fresh water	er	0.035 mg/l	
Sea water		0.0035 mg/l	
Sewage tre	eatment plant	16.24 mg/l	
124-04-9 A	Adipic acid		
Fresh water	er	0.126 mg/l	
Sea water		0.0126 mg/l	
Sediment (fresh water)	0.484 mg/kg	
Sediment ((seawater)	0.0484 mg/kg	
Floor		0.0228 mg/kg	
Sewage tre	eatment plant	59.1 mg/l	
Sporadic re	elease	0.46 mg/l	
68439-57-0	6 Sodium C1	4-16 olefin sulpho	nate
Fresh water	er	0.024 mg/l	
Sea water		0.0024 mg/l	
Sediment (fresh water)	0.767 mg/kg	
Sediment ((seawater)	0.0767 mg/kg	
Floor		1.21 mg/kg	
Sewage tre	eatment plant	4 mg/l	
Sporadic re		0.0197 mg/l	
85586-07-8 Sodium C12-C14 alkyl sulph		2-C14 alkyl sulpha	ate
Fresh water	er	0.131 mg/l	
Sea water		0.013 mg/l	
Sediment ((fresh water)	4.61 mg/kg	
Sediment ((seawater)	0.461 mg/kg	
Floor	•	0.846 mg/kg	
_	eatment plant	1 35 mg/l	

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection: In case of dust formation, use a particle-filtering dust mask in accordance with EN 149.

Hand protection Protective gloves according to EN 374

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Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.11 mm

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.

Penetration time of glove material >480 minutes (permeation level: 6) Eye/face protection Tight-fitting safety goggles according to EN 166 Body protection: Protective work clothing in accordance with EN 13982-1

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Colour: White, blue
Odour: Characteristic
Odour threshold: Not determined.
Melting point/freezing point: Not determined.
Boiling point or initial boiling point and boiling range Not determined.
Flammability Not determined.

Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.
Flash point: Not applicable.
Auto-ignition temperature: Not determined.
Decomposition temperature: Not determined.
pH at 20 °C 10 (5%)

Acid/alkali reserve (J.R. Young et al.):

Viscosity:

Kinematic viscosity

Dynamic:

Not applicable.

Solubility

Solubility

water:Easily soluble.Partition coefficient n-octanol/water (log value)Not determined.Vapour pressure:Not applicable.

Density and/or relative density

Density:Not determined.Relative densityNot determined.Vapour densityNot applicable.

Particle characteristics

See section 3.

9.2 Other information

Appearance:

Form: Tablets

Important information on protection of health

and environment, and on safety.

Ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Solvent content:

 Organic solvents:
 0.0 %

 VOC (EC)
 0.00 %

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Change in condition		
Evaporation rate	Not applicable.	
Information with regard to physical hazar	d	
classes		
Explosives	Void	
Flammable gases	Void	
Aerosols	Void	
Oxidising gases	Void	
Gases under pressure	Void	
Flammable liquids	Void	
Flammable solids	Void	
Self-reactive substances and mixtures	Void	
Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
Substances and mixtures, which emit flamma	ble	
gases in contact with water	Void	
Oxidising liquids	Void	
Oxidising solids	Void	
Organic peroxides	Void	
Corrosive to metals	Void	
Desensitised explosives	Void	

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used 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 hazard classes as defined in Regulation (EC) No 1272/2008

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

	Acuto	CAICH	based on available data, the diassilleation enteria are not met.		
LD/LC50 values relevant for classification:			es relevant for classification:		
	15630-89-4 Sodium percarbonate				
	Oral	LD50	1,034 mg/kg (rat)		
İ	Dermal	LD50	>2,000 mg/kg (rat)		
	85586-07-8 Sodium C12-C14 alkyl sulphate				
	Oral	LD50	2,000 mg/kg (rat)		

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or 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.

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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

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

12.1 Toxicity			
Aquatic toxicity	<i>y</i> :		
497-19-8 Sodium	carbonate		
LC50/96h (static)	300 mg/l (Lepomis macrochirus)		
EC50/48h	200-227 mg/l (Ceriodaphnia dubia)		
15630-89-4 Sodiu	im percarbonate		
LC50/96h	70.7 mg/l (Pimephales promelas)		
EC50/48h	4.9 mg/l (Daphnia pulex)		
NOEC/96h	7.4 mg/l (Pimephales promelas)		
NOEC/48h	2 mg/l (Daphnia pulex)		
124-04-9 Adipic a	124-04-9 Adipic acid		
LC50/48h (static)	46 mg/l (Daphnia magna) (OECD 202)		
LC50/96h	230 mg/l (Leuciscus idus melanotus)		
	>1,000 mg/l (Danio rerio)		
EC50/3h	4,747 mg/l (Activated sludge) (OECD 209)		
EC50/48h (static)	85.7 mg/l (Daphnia magna)		
EC50/72h	39.8 mg/l (Desmodesmus subspicatus)		
	59 mg/l (Pseudokirchnerella subcapitata)		
NOEC/21d	6.3 mg/l (Daphnia magna) (OECD 211)		
68439-57-6 Sodiu	im C14-16 olefin sulphonate		
EC50/48h	4.53 mg/l (Ceriodaphnia dubia)		
EC50/72h	5.2 mg/l (algae)		
EC50/96h	4.2 mg/l (fish)		
NOEC/21d	6.3 mg/l (daphnia)		
85586-07-8 Sodiu	ım C12-C14 alkyl sulphate		
LC50/96h	3.6 mg/l (fish) (OECD 203)		
EC50/48h	4.7 mg/l (daphnia)		
EC50/72h	20 mg/l (algae) (OECD 201)		
NOEC/72h	0.6 mg/l (algae) (OECD 201)		

- 12.2 Persistence and degradability The contained surfactants are easily biodegradable.
- **12.3 Bioaccumulative potential** No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- 12.5 Results of PBT and vPvB assessment

PBT: Not applicable. **vPvB:** Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

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12.7 Other adverse effects

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

•	n waste catalogue
20 01 29*	detergents containing hazardous substances
15 01 10*	packaging containing residues of or contaminated by hazardous substances

Uncleaned packaging:

Recommendation: Non contaminated packagings may be recycled.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information	on	
14.1 UN number or ID number ADR, ADN, IMDG, IATA	Not regulated.	
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Not regulated.	
14.3 Transport hazard class(es)		
ADR, ADN, IMDG, IATA Class	Not regulated.	
14.4 Packing group ADR, IMDG, IATA	Not regulated.	
14.5 Environmental hazards: Marine pollutant:	No	
14.6 Special precautions for user	Not applicable.	
14.7 Maritime transport in bulk according instruments	g to IMO Not applicable.	
UN "Model Regulation":	Not regulated.	

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Labelling according to Regulation (EC) No 1272/2008 GHS label elements

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

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DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations:

The product is subject to be labeled according to the prevailing version of the regulations on hazardous substances.

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

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 according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: Department R&D

Contact: Simone Kühn

Date of previous version: 11.11.2022 Version number of previous version: 2.2

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

Ox. Sol. 3: Oxidizing solids – Category 3 Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation - Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

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Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

* Data changed with respect to previous version.

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EU -