Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 15.02.2021 Version number 1 Revision: 15.02.2021

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

1.1 Product identifier

Trade name: Jura 3-phase 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 protecting fully automatic coffee machines

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: -

Supplier:
JURA Elektroapparate AG
CH-4626 Niederbuchsiten
Tel.: +41 (0)62 389 8181

JURA Elektogeräte Vertriebs-GmbH
D-90268 Nürnberg
Tel.: +49 (0)911 25 25 0

Manufacturer:
Oxytabs GmbH
- Member of the Medea Group -
Suhmsberg 40
D-24768 Rendsburg
Germany

Further information obtainable from:
Tel.: +49 4331 69620 0
Fax: +49 4331 69620 22
E-Mail: info@medeagroup.de

1.4 Emergency telephone number:

Poison Centre Berlin - Emergency call of the Charité
D-13437 Berlin
Phone: +49 30 30686 700

Tox Info Suisse
CH-8032 Zurich
Phone: +41 442515151

Emergency call Vienna
A-1010 Vienna
Phone: +43 1 406 43 43

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



GHS07

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
PBT: Not applicable.
vPvB: Not applicable.

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. 2, 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-<25%
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 EC number: 931-534-0 Reg.nr.: 01-2119513401-57	sodium C14-16 olefin sulfonate Eye Dam. 1, H318; Skin Irrit. 2, H315 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 5 % Eye Dam. 1; H318: C ≥ 38 % Eye Irrit. 2; H319: 5 % ≤ C < 38 %	≥5-<10%
CAS: 85586-07-8 EINECS: 287-809-4 Reg.nr.: 01-2119489463-28	sodium C12-C14 alkyl sulphate 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 %	<2.5%

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Regulation (EC) No 648/2004 on detergents / Labelling for contents
oxygen-based bleaching agents 5-<15 %
anionic surfactants 5-<15 %
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.
After eye contact: Rinse opened eye for several minutes under running water. Then 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.
Product itself does not burn.
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: Mouth respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid formation of dust.
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.
Wash residues with water.
6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling No special precautions are necessary if used correctly.
Information about fire and explosion protection: No special measures required.

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.
Keep container tightly sealed.
Temperature: not permanently above 50 °C.
Air humidity: not above 50 %, if possible.
Temperature changes: not relevant.
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.
Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls
Appropriate engineering controls No further data; see item 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: Not required.
Hand protection Protective gloves.
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
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye/face protection Wear tightly sealed safety glasses when handling the solution.
Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information
Colour: white, blue

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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:	Product is not selfigniting.
Decomposition temperature:	Not determined.
pH	Not applicable.
Acid/alkali reserve (J.R. Young et al.):	
Viscosity:	
Kinematic viscosity	Not applicable.
Dynamic:	Not applicable.
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 density	Not determined.
Vapour density	Not applicable.
Particle characteristics	See item 3.

9.2 Other information

Appearance:	
Form:	Tablets
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Not determined.
Explosive properties:	Product does not present an explosion hazard.
Solvent content:	
Organic solvents:	0.0 %
VOC (EC)	0.00 %
Change in condition	
Evaporation rate	Not applicable.

Information with regard to physical hazard 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

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Substances and mixtures, which emit flammable 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 Stable if stored according to specifications.
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.

LD/LC50 values relevant for classification:		
ATE (Acute Toxicity Estimates)		
Oral	LD50	8,978 mg/kg (rat)

497-19-8 sodium carbonate		
Oral	LD50	2,800 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
15630-89-4 sodium percarbonate		
Oral	LD50	1,034 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
124-04-9 adipic acid		
Oral	LD50	5,560 mg/kg (rat) (OECD 401)
Dermal	LD50	7,940 mg/kg (rabbit)
Inhalative	LC50/4 h	>7.7 mg/l (rat) (OECD 403)
68439-57-6 sodium C14-16 olefin sulfonate		
Oral	LD50	>2,000 mg/kg (rat) (OECD 401)
Dermal	LD50	6,300 mg/kg (rabbit) (OECD 402)
Inhalative	LC50/4 h	>52 mg/l (rat) (OECD 403)
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.

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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.
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

Aquatic toxicity:	
15630-89-4 sodium percarbonate	
LC50/96h	70.7 mg/l (Pimephales promelas)
EC50/48h	4.9 mg/l (Daphnia pulex)
124-04-9 adipic acid	
LC50/48h (static)	46 mg/l (Daphnia magna) (OECD 202)
LC50/96h	230 mg/l (Leuciscus idus)
	>1,000 mg/l (Danio rerio)
EC50/3h	7,911 mg/l (bacteria) (OECD 209)
EC50/48h (static)	85.7 mg/l (Daphnia magna)
NOEC/21d	6.3 mg/l (Daphnia magna) (OECD 211)
68439-57-6 sodium C14-16 olefin sulfonate	
LC50/96h	4.2 mg/l (Danio rerio) (OECD 203)
EC50/48h	4.53 mg/l (Ceriodaphnia dubia)
85586-07-8 sodium 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)

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 For information on endocrine disrupting properties see section 11.
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.

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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.

European 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.

SECTION 14: Transport information

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 to IMO instruments	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.

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.

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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.

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 Calculation method

Department issuing SDS: Department R&D
Contact: Dr. Nico Kotzur
Created by: SKÜ
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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Ox. Sol. 2: Oxidizing solids – Category 2
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
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3