

SAFETY DATA SHEET

according to regulation (EC) No 1907/2006



Trade name: Jura Cleaning tablets
Creation date: 30.06.2010
Revision date: 24.01.2011 Version: 2 in 1 - 2/En
Print date: 27.01.2011

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1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Product N°: PN 007J, 009J, 012J, 015S, 016F, 016J, 016K, 016M, 017J
Trade name: Jura Cleaning tablets

Use of the substance/preparation

Tablets for cleaning and protecting (2 in 1) fully automatic coffee machines

Company/undertaking identification

Manufacturer

Oxytabs Tablettenproduktion GmbH
Suhmsberg 40, D-24768 Rendsburg

Contact for technical information

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Distributor

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Emergency telephone

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D-14059 Berlin, Tel. +49 (0)30 686 790
Switzerland: Schweizerisches Toxikologisches Informationszentrum
CH-8028 Zürich, Tel. +41 (0)44 2515151 or 145
Austria: Vergiftungs-Informationszentrale in Österreich
A-1090 Wien, +43(0)1 406 43 43

2. Hazards identification

Classification

Irritant
Classification: Xi; R36/38: Irritating to eyes and skin.

Hazards to man and environment

With moisture, product develops an alkaline pH-value and can cause irritation. For pH see chapter 9.

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3. Composition/Information on ingredients

Chemical characterization

Alkaline tablet

Hazardous ingredients

Name of ingredient	EC No	CAS No	Concentration	Classification
Sodium carbonate	207-838-8	497-19-8	15 – 30 %	Xi; R36
Sodium carbonate peroxyhydrate	239-707-6	15630-89-4	< 25 %	Xn, O; R8-22-36/38
Sodium lauryl sulfoacetate	217-431-7	1847-58-1	5 – 15 %	Xi; R37/38-41

The full text of the relevant risk phrases is listed in heading 16.

4. First aid measures

General information

In all cases of doubt seek medical advice. Refer also to section 1. If a physician/paramedic is consulted, show directions for use or safety data sheet if possible.

In case of inhalation

Not applicable.

In case of skin contact

Remove contaminated clothing immediately. After contact with skin, wash immediately with plenty of water.

In case of eye contact

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 15 minutes. Subsequently consult an ophthalmologist.

In case of ingestion

In case of ingestion rinse mouth immediately. Let water be swallowed in little sips (dilution effect). If irritation persists: Get medical advice/attention.

5. Fire-fighting measures

Suitable extinguishing media

Product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which shall not be used for safety reasons

No data available.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

No data available.

Special protective equipment for fire-fighters

Protective clothing.

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6. Accidental release measures

Personal precautions

Observe protective measures according to sections 7 and 8.

Environmental precautions

No special environmental measures are necessary in case of retail quantities. Do not empty large quantities into drains or the aquatic environment.

Methods for cleaning up

Take up carefully abraded product (dust) or tablets when dry. Wash dissolved product with plenty of water.

Additional information

No data available.

7. Handling and storage

Handling

When preparing the solution, avoid contact with eyes and skin.

Storage

Keep in original container. Store in a cool and dry place.

Protect from atmospheric moisture and water.

Storage class acc. to VCI: 13 (Non-combustible solids)

Keep away from food, drink and animal feedingstuffs.

8. Exposure controls/personal protection

Exposure limit values

Not determined. Does not contain substances above concentration limits according to the AGW (occupational exposure limit value, Germany) and MAK Switzerland.

Occupational exposure controls

Personal protective equipment

In the case of contact with retail quantities no protection is required.

In the case of handling large quantities:

Respiratory protection: Provide adequate ventilation. No personal respiratory protection required.

Hand protection: Wear one-time gloves if hands are wet or moist. (Suitable material: nitrile rubber acc. to EN 374-3)

Eye protection: If used according to the regulations no eye protection required. In case of handling the dissolved product in great quantities: Framed glasses with side protection.

Skin protection: Protective clothing for the protection against direct skin contact.

Environmental exposure controls

Refer to sections 6 and 7. No further measures required.

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9. Physical and chemical properties

General information

Physical state: solid
Appearance: Tablet, hemisphere
Colour: white and blue
Odour: neutral

Important health, safety and environmental information

pH value (1 tabl./0.25 l) for 25 °C, 12 °dH: 10 - 11
Water solubility: very good soluble

10. Stability and reactivity

Conditions to avoid

No decomposition if used as prescribed, refer to section 7.

Materials to avoid

Do not mix with other substances.

Hazardous decomposition products

None if used as prescribed.

11. Toxicological information

Toxicological tests

No toxicological data available for the product.

Information on ingredients

Sodium carbonate peroxyhydrate	LD50 (oral, rat)	1034 mg/kg
	LD50 (dermal, rabbit)	> 2000 mg/kg

Irritation and corrosivity

The product is classified as irritant, i. e., short, frequently or prolonged contact with skin or mucous membrane may cause inflammations.

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12. Ecological information

Ecotoxicity

No data available for the product.

Data on ingredients

Sodium carbonate peroxyhydrate

Fish toxicity:	Pimephales promelas / LC50 (96 h)	70.7 mg/l (IUCLID)
Aquatic invertebrates:	Daphnia pulex / EC50 (48 h)	4.9 mg/l (IUCLID)

Persistence and degradability

The surfactant contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Bioaccumulative potential

No data available for the product.

Other adverse effects

No data available for the product.

13. Disposal considerations

Substance/Preparation

Dispose of waste according to applicable legislation.

Control report for waste code/waste marking according to EAKV:

Substance/preparation:	Waste code 20 01 29 – cleaning agents containing hazardous ingredients.
Packaging:	Waste code 15 01 06 – mixed packagings.

Packaging

Cleaned containers may be recycled.

14. Transport information

Not a hazardous material with respect to these transportation regulations (ADR/RID/ADNR/IMDG/IATA/DGR).

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15. Regulatory information

Symbol: Xi - irritant



Risk phrases:

36/38 Irritating to eyes and skin.

Labelling for contents according to regulation (EC) No 648/2004, annex 7:

Oxygen-based bleaching agents 15 - 30 %, phosphates 5 – 15 %, anionic surfactants 5 - 15 %

Safety phrases:

2 Keep out of the reach of children.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
46 If swallowed, seek medical advice immediately and show this container or label.

National regulations (Germany)

Water hazard class (WGK): Weakly water-endangering (WGK 1). Classification according VwVwS, Annex 4.

16. Other information

Relevant R phrases

08 Contact with combustible material may cause fire.
22 Harmful if swallowed.
36 Irritating to eyes.
41 Risk of serious damage to eyes.
36/38 Irritating to eyes and skin.
37/38 Irritating to respiratory system and skin.

Changes to the last version

Changes in sections 1, 11 and 15

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.