

SAFETY DATA SHEET

according to 29 CFR 1910.1200 and ANSI standard Z400.1-2010

Revision date: 8/1/2024
Version: 6.1
Replaces version: 6.0
Language: en-US
Date of print: 2/7/2025

WoldoClean® 2in1 Cleaning Tablets compatible for all Jura Automatic Coffee Centers, 25-Count

Material number 8804

Page: 1 of 10

1. Product and company identification

Product identifier

Trade name: 2in1 Cleaning Tablets compatible for all Jura Automatic Coffee Centers, 25-Count

This safety data sheet pertains to the following products:
B07PCV65R2 = Reinigungstabletten

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

General use: Cleaning agent

Details of the supplier of the safety data sheet

Company name: Woldoshop GmbH

Street/POB-No.: Oststr. 64-70

Postal Code, city: 22844 Norderstedt
Germany

WWW: www.woldo-clean.de

E-mail: info@woldoshop.de

Telephone: +49 40 64667723

Department responsible for information:

After-sales service

E-mail: info@woldoshop.de

Telephone: +49 40 64667723

Emergency phone number

Poisons information service:
GIZ-Nord Göttingen, Germany
Telephone: +49 551-19240

Transport:
After-sales service
E-mail: info@woldoshop.de
Telephone: +49 40 64667723

2. Hazards identification

Emergency overview

Appearance: Physical state at 68 °F and 101.3 kPa: solid

Form: Tablets

Color: white

Odor: No data available

Classification: Skin Irritation - Category 2. Eye Damage - Category 1.

Hazard symbols:



Signal word:

Danger

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Hazard statements: Causes skin irritation.
Causes serious eye damage.

Precautionary statements: Keep out of reach of children.
Wash hands thoroughly after handling.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.

Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazards not otherwise classified

Contains phosphonates. May contribute to the eutrophication of water supplies.
Contains Sodium percarbonate: May intensify fire; oxidiser.
see section 11: Toxicological information

3. Composition / Information on ingredients

Chemical characterization: Mixture of inorganic salts with organic materials

Relevant ingredients:

CAS No.	Designation	Concentration	Classification
CAS 497-19-8	Sodium carbonate	20 - 30 %	Eye Irritation - Category 2A.
CAS 15630-89-4	Sodium percarbonate	15 - 20 %	Oxidizing Solid - Category 3. Acute Toxicity - oral - Category 4. Eye Damage - Category 1.
CAS 3794-83-0	Tetrasodium (1-hydroxyethylidene) bisphosphonate	10 - 15 %	Acute Toxicity - oral - Category 4. Eye Irritation - Category 2A.
CAS 77-92-9	Citric acid, anhydrous	< 10 %	Eye Irritation - Category 2A. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 70693-62-8	Pentapotassium bis(peroxymonosulphate) bis(sulphate)	< 5 %	Acute Toxicity - oral - Category 4. Skin Corrosion - Category 1B. Eye Damage - Category 1. Aquatic toxicity - chronic - Category 3.

Additional information: Contains Sodium sulfate anhydrous and Polyethylene glycol.
The maximum workplace exposure limits are, where necessary, listed in section 8.

4. First aid measures

General information: If medical advice is needed, have product container or label at hand. Take off contaminated clothing and wash it before reuse.

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In case of inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if problems persist.
Following skin contact:	Immediately clean with water and soap followed by thorough rinsing. In case of skin reactions, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Seek the attention of an ophthalmologist immediately.
After swallowing:	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Immediately get medical attention.

Most important symptoms/effects, acute and delayed

Causes serious eye damage. Causes skin irritation.

Information to physician

Treat symptomatically.

5. Fire fighting measures

Flash point/flash point range:

Not applicable

Auto-ignition temperature: No data available

Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not be used for safety reasons:

Full water jet

Specific hazards arising from the chemical

Fires in the immediate vicinity may cause the development of dangerous vapors.
In case of fire may be liberated: Sodium compounds, potassium compounds, sulphur oxides, carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Fire water reacts alkaline. Use fine water spray to cool endangered containers. Do not allow water used to extinguish fire to enter drains, ground or waterways. Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

6. Accidental release measures

Personal precautions:

Avoid dust formation. Do not breathe dust. Avoid contact with the substance.
If possible, eliminate leakage. Provide adequate ventilation.
Wear appropriate protective equipment. Keep unprotected people away.
Take off contaminated clothing and wash it before reuse.

Environmental precautions:

Do not allow to enter into ground-water, surface water or drains.
If necessary notify appropriate authorities.

Methods for clean-up:

Take up mechanically, placing in appropriate containers for disposal.
Wash spill area with plenty of water.

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7. Handling and storage

Handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Avoid dust formation. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

Have eye wash bottle or eye rinse ready at work place.

Storage

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.

Keep container dry. Keep only in the original container.

Protect from heat and direct sunlight.

Hints on joint storage:

Do not store together with strong reducing agents, strong oxidizing agents, strong acids or strong alkalis.

Keep away from food, drink and animal feedingstuffs.

8. Exposure controls / personal protection

Exposure guidelines

Occupational exposure limit values:

Type	Limit value
USA: ACGIH: TWA	10 mg/m ³ (Dust limit value, inhalable fraction)
USA: ACGIH: TWA	3 mg/m ³ (Dust limit value, respirable fraction)
USA: OSHA: TWA	15 mg/m ³ (Dust limit value, total dust)
USA: OSHA: TWA	5 mg/m ³ (Dust limit value, respirable fraction)

Engineering controls

Provide adequate ventilation. Vent dust from the work area.

See also information in chapter 7, section storage.

Personal protection equipment (PPE)

Eye/face protection: Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Skin protection: Wear suitable protective clothing.

Protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Glove material: Nitrile rubber or butyl caoutchouc (butyl rubber).

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. In case of dust formation: Dust mask/Particulates filter P2 according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product.

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General hygiene considerations:

Avoid dust formation. Do not breathe dust. Do not get in eyes, on skin, or on clothing.
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
Have eye wash bottle or eye rinse ready at work place.
Take off contaminated clothing and wash it before reuse.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Physical state at 68 °F and 101.3 kPa: solid Form: Tablets Color: white
Odor:	No data available
Odor threshold:	No data available
pH:	10
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	Not applicable
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	No data available
Water solubility:	soluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No data available
Additional information:	No data available

10. Stability and reactivity

Reactivity:	Product reacts alkaline.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	The product hydrolyses quickly in the presence of water to: Sodium carbonate and hydrogen peroxide (H ₂ O ₂)
Conditions to avoid:	Humidity. Excessive heating. Avoid generation of dust.
Incompatible materials:	Strong oxidizing agents, strong reducing agents, strong alkalis, strong acids

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Hazardous decomposition products:

No decomposition when used properly.

Thermal decomposition:

No data available

11. Toxicological information

Toxicological tests

Toxicological effects:

The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

ATEmix (calculated): 2,000 mg/kg < ATE ≤ 5,000 mg/kg.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Skin Irritation - Category 2 = Causes skin irritation.

Serious eye damage/irritation: Eye Damage - Category 1 = Causes serious eye damage.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

Other information:

Information about Sodium percarbonate (CAS: 15630-89-4):

LD50 Rat, oral: 1,034 - 2,000 mg/kg.

Information about (1-Hydroxyethylidene)bisphosphonic acid, sodium salt (CAS: 3794-83-0):

LD50 Rat, oral: > 940 mg/kg.(OECD 401)

LD50 Rabbit, dermal: > 1,550 mg/kg. (OECD 402)

Information about Pentapotassium bis(peroxymonosulphate) bis(sulphate)

(CAS:70693-62-8):

LD50 Rat, oral: 500 mg/kg.(OECD 423)

LD50 Rabbit, dermal: > 2,000 mg/kg.(OECD 402)

Symptoms

In case of inhalation: May cause irritations.

In case of ingestion:

Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract.

After eye contact: Redness, pain, corneal opacity.

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12. Ecological information

Ecotoxicity

Aquatic toxicity: Information about Sodium percarbonate (CAS: 15630-89-4):
Algae toxicity:
EC50 Chlorella vulgaris: 7.7 mg/L (calculated, read across hydrogen peroxide)
Daphnia toxicity:
EC50 Daphnia pulex (water flea): 4.9 mg/L/48h
NOEC Daphnia pulex (water flea): 2.0 mg/L/48h
Fish toxicity:
LC50 Pimephales promelas (fathead minnow): 70.7 mg/L/96h
Information about Pentapotassium bis(peroxymonosulphate) bis(sulphate)
(CAS:70693-62-8):
Fish toxicity:
LC50 Oncorhynchus mykiss: 53 mg/L/96h (OECD 203)
NOEC Oncorhynchus mykiss: 27 mg/L/96h (OECD 203)
LC50 Cyprinodon variegates: 1.09 µg/L/96h
Daphnia toxicity:
LC50 Americamysis bahia: 1.18 µg/L/96h
NOEC Americamysis bahia: 889 µg/L/96h
Daphnia toxicity:
ErC50 Skeletonema costatum: 489 µg/L/96h (OECD 201)
NOEC Skeletonema costatum: 444 µg/L/96h (OECD 201)

Mobility in soil

No data available

Persistence and degradability

Further details: Information about Sodium percarbonate, sodium percarbonate, Pentapotassium bis(peroxymonosulphate) bis(sulphate):
Methods for the determination of biodegradability are not applicable to inorganic substances.
Information about Sodium percarbonate:
The product hydrolyses quickly in the presence of water to: Sodium carbonate and hydrogen peroxide (H₂O₂)

Additional ecological information

General information: Contains phosphonates. May contribute to the eutrophication of water supplies.
Do not allow to enter into ground-water, surface water or drains.

13. Disposal considerations

Product

Recommendation: Dispose of waste according to applicable legislation.
Smaller amounts: Dilute with plenty of water.

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself.

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14. Transport information

UN number

ADR/RID, IMDG, IATA-DGR:

not applicable

UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted

Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

Packing group

ADR/RID, IMDG, IATA-DGR:

not applicable

Environmental hazards

Marine pollutant:

no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

USA: Department of Transportation (DOT)

Proper shipping name:

Not restricted

Sea transport (IMDG)

Proper shipping name::

Not restricted

Marine pollutant:

no

Air transport (IATA)

Proper shipping name::

Not restricted

Further information

No dangerous good in sense of these transport regulations.

15. Regulatory information

National regulations - U.S. Federal Regulations

Sodium sulfate anhydrous:

TSCA Inventory: listed

Polyethylene glycol:

TSCA Inventory: listed

Sodium carbonate:

TSCA Inventory: listed

Sodium percarbonate:

TSCA Inventory: listed

Tetrasodium (1-hydroxyethylidene)bisphosphonate:

TSCA Inventory: listed

Citric acid, anhydrous:

TSCA Inventory: listed

Pentapotassium bis(peroxymonosulphate) bis(sulphate):

TSCA Inventory: listed

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National regulations - U.S. State Regulations

Product: California Proposition 65 Status: This product does not contain chemicals currently on the California list of known carcinogens and/or reproductive toxins.
California Proposition 65 Status: This product does not contain chemicals currently on the California list of known carcinogens and/or reproductive toxins.

Sodium sulfate anhydrous: Massachusetts Haz. Substance codes: F9
Pennsylvania Haz. Substance code: E

Sodium percarbonate: New York List of Hazardous Substances:
TRQ: 10

16. Other information

Text for labeling: Contains 20 - 30 % Sodium carbonate, 15 - 20 % Sodium percarbonate, 10 - 15 % Tetrasodium (1-hydroxyethylidene)bisphosphonate, < 10 % Citric acid, anhydrous, < 5 % Pentapotassium bis(peroxymonosulphate) bis(sulphate).
Contains: 5% - <15% phosphonates, 15% - <30% oxygen-based bleaching agents

Hazard rating systems:



NFPA Hazard Rating:

Health: 1 (Slight)
Fire: 0 (Minimal)
Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 1 (Slight)
Flammability: 0 (Minimal)
Physical Hazard: 0 (Minimal)
Personal Protection: X = Consult your supervisor

JT Baker Storage Color Code: Green (General Storage)

Classification procedure:

Physical hazards: on basis of test data
Health hazards, environmental hazards: calculation method

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
	X

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Abbreviations and acronyms:

Acute Toxicity: Acute toxicity
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
Aquatic toxicity - chronic: Hazardous to the aquatic environment - chronic
AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EC50: Effective Concentration 50%
EN: European Standard
EQ: Excepted quantities
Eye Damage: Eye damage
Eye Irritation: Eye irritation
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
LC50: Median lethal concentration
LD50: Lethal dose 50%
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD: Organisation for Economic Co-operation and Development
OEL: Occupational Exposure Limit Value
OSHA: Occupational Safety and Health Administration
Oxidizing Solid: Oxidising solids
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
Skin Corrosion: Skin corrosion
Skin Irritation: Skin irritation
STOT SE: Specific target organ toxicity - single exposure
TLV: Threshold Limit Value
TRGS: Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

Reason of change: **General revision**

Date of first version: **10/31/2022**

Department issuing data sheet

Contact person: **see section 1: Department responsible for information**

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Most recent product information is available at:
<http://sumdat.net/m0b96dgc>

