

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Trade name: KKD TrayClean
Revision date: 01.09.2014

KENTZLER
KASCHNER
DENTAL

01. Identification of the substance/mixture and of the company/undertaking

Trade name

KKD TrayClean

Item-No.

23036 – 400 g

23037 – 1 kg

Use of the Substance/Mixture

Effective cleaning granulate for selfacting cleaning of all metal impression trays.

Producer

Kentzler-Kaschner Dental GmbH

Street

Mühlgraben 36

Place

D - 73479 Ellwangen

Information

Phone +49/7961/90 73 0

Telephone / Telefax / e-mail

Phone +49/7961/90 73 0 FAX: 07961/52031 /E-Mail: info@kkd-topdent.de

Emergency telephone number

Phone +49/7961/90 73 0

02. Hazards identification

Classification of the substance or mixture**R-Phrases**

R 36 Irritating to eyes.

R 37 / R 38 Irritating to respiratory system and skin.

R 20 / R 22 Harmful by inhalation and if swallowed.

Labelling elements

Xi – Irritant

R-Phrases

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S-Phrases

- S 22 Do not breathe dust.
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 46 If swallowed, seek medical advice immediately and show this container or label

GHS Labelling



Signal word: Danger

H-Phrases

- H 319 Causes serious eye irritation.
H 335 May cause respiratory irritation.
H 315 Causes skin irritation.
H 302 Harmful if swallowed.

P-Phrases

- P 260 Do not breathe dust/fume/gas/mist/vapours/spray.
P 305 / P 351 / P 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P 313 Get medical advice/attention.
P 301 / P 315 IF SWALLOWED: Get immediate medical advice/attention.
P 101 If medical advice is needed, have product container or label at hand.

03. Composition/information on ingredients

Chemical characterization

Mixture of surfactants, chelating agents, and carbonates

Hazardous components

Description	CAS-No.	EWG-No.	Index-No.	Content	R-Phrases	Symbol
Sodium carbonate	497-19-8	207-838-8	011-005-00-2	> 70 %	R36	Xi
Alkyl sulfate sodium salt	151-21-3	205-788-1	-	< 10 %	R20/ R22/ R37/ R38/ R41	Xn
Complexing agents	64-02-8	-	-	< 10 %	-	Xn
UBA Nummer	37840001					

Additional Information

Above mentioned R-phrases and hazard symbols apply to the raw materials used, classification mixture see Section 15.

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04. First aid measures

General advice

Remove with product contaminated clothing immediately. Protect affected person from hypothermia.

After Inhalation

Move to fresh air.

After skin contact

Wash affected area with plenty of water and soap.

After eye contact

Flush eyes with eyelids hold open for a long time with plenty of water. If symptoms persist, seek medical advice.

After swallowing

Rinse mouth immediately, if possible drink plenty of water. Do not induce vomiting because of suffocation by foaming, seek medical attention immediately.

Possible Symptoms

Nausea, shortness of breath, burning in mouth and throat, esophagus or eyes depending on the affected organ.

Possible Hazards

Product foams, danger of suffocation.

Treatment Information

Pump out the stomach because the gastric and intestinal mucous membranes can be irreversibly damaged.

05. Firefighting measures

Suitable extinguishing media

Foam, dry chemical, water spray, CO₂.

For safety reasons unsuitable extinguishing media

Water Jet.

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

Not known.

Special protective equipment for firefighters

For larger quantities wear self-contained breathing apparatus, protective clothing.

Other Information

In case of fire, formation of nitrous gases and sulfuric acid is possible.

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06. Accidental release measures

Personal precautions

Ensure adequate ventilation. Wear protective clothing.

Environmental precautions

Do not allow larger quantities to enter drains or watercourses.

Methods for cleaning up / taking up

Pick up product mechanically and disposed accordingly. Clean surface with plenty of water.

Other Information

Dispose of according to regulations.

07. Handling and storage

Advice on safe handling

Observe the general safety regulations and measures when handling chemicals. Do not inhale dust particles. Wear protective goggles.

Advice on protection against fire and explosion

-

Methods for cleaning up / taking up

See Section 6.

Additional Information

Do not store together with acids or peroxides.

08. Exposure controls/personal protection

Additional Information about design of technical facilities

Not applicable.

Limiting and monitoring Exposure at the workplace

-

Personal protective equipment

Respiratory protection

Not applicable.

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Hand protection

Wear suitable protective gloves.

Eye protection

Safety goggles / Face protection.

Body protection

Wear suitable protective clothing.

General protective and hygiene measures

Avoid contact with skin and eyes. Remove contaminated clothing immediately. Store work clothing separate. When using do not eat, drink or smoke. Wash hands thoroughly after work and before breaks.

09. Physical and chemical properties

Appearance: Powder
Colour: white to white-yellowish
Odour: Sharp

Safety relevant data

pH-value:	Not determined.	
Melting Point:	approx. 50 °C	
Flashpoint:	Not determined.	
Ignition temperature:	Not determined.	
Self-Ignition temperature:	Not determined.	
Oxidizing property:	Not determined.	
Explosion hazard:	Not determined.	
Lower explosion limit:	Not determined.	
Upper explosion limit:	Not determined.	
Vapour pressure:	Not determined.	
Density:	approx. 0.7 g/ml	at 20 °C
Solubility in water:	250 – 300 g/l	
Partition coefficient n-octanol/ water:	Not determined.	
Viscosity:	Not determined.	

10. Stability and reactivity

Conditions to avoid

None under normal use.

Materials to avoid

Strong reaction with acids with release of CO₂, peroxides.

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Hazardous decomposition products

In case of fire, the formation of nitrous gases and sulfuric acid, and large quantities of carbon dioxide is possible.

Further Information

The product is hygroscopic and dissolves in water with heat evolution.

11. Toxicological information

Limiting and monitoring Exposure at the workplace

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Irritation and corrosivity

Eye: Irritant.

Skin/Respiratory protection: Irritant.

Sensitization

-

Effects after repeated or prolonged exposure

Irritant no sensitizing effects known.

Carcinogenicity, mutagenicity, reproductive effects

-

General Information

Avoid skin and eye contact with the product and inhalation of product vapours.

12. Ecological information

Information about elimination

Persistence and degradability

Physicochemically

Degree of elimination: > 90%

Rating: Degradable.

Biological

Degree of elimination: > 90%

Rating: Degradable.

Other Information

Self-assessment based on literature data.

Behaviour in environment

-

Behaviour in sewage plant

Degradable.

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13. Disposal considerations

Product

Dispose of according to each local authority regulations.

Contaminated packaging

Dispose of according to each local authority regulations.

14. Transport information

Land transport

GGVS / GGVE: Not classified as dangerous.

ADR / RID: Not classified as dangerous.

Inland waterways transport

ADN / ADNR: Not classified as dangerous.

Sea transport

IMDG / GGV See: Not classified as dangerous.

Air transport

ICAO / IATA: Not classified as dangerous.

15. Regulatory information

Labelling according to EC-Regulations

Labelling according to EEC Regulations

Code letter:



Xi - Irritant

Hazard-determining components of labeling

Contains: sodium and surfactants.

Labelling elements



Xi – Irritant

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Water hazard class

2 – Self-assessment Hazardous for water.

Other regulations, limitations and prohibitive regulations

Do not allow to enter waters.

16. Other information

Issuing Department for Material Safety Data Sheet

Product development / Quality Management

Source of the main information

Material Safety Data Sheet of the Manufacturer

GENERAL HINTS

The information contained herein is based on the present state of our knowledge and on our experiences with the product. The material safety data sheet is strictly intended for risk minimizing when handling the product. The informations characterize it exclusively with regard to safety aspects and does not represent a guarantee of the properties of the product within the meaning of our general terms and conditions. The information does not dispense the user from his duties of care with respect to the observance of present laws, regulations, and terms.