

MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

Printing date: 10.09.2015

Reviewed: 15:01:2015

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

1.1 Product identifier

Trade name: **Secure Cleansing Tablets**

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

Application of the substance / the preparation Reinigungstablette für Zahnprothesen

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

FITYDENT INTERNATIONAL GMBH

Mühlgasse 4

7423 Pinkafeld

Tel: +43 3357 43890

Fax: +43 3357 43893

e-Mail: office@fittydent.com

Informing department: Product safety department.

1.4 Emergency telephone number: Vergiftungsinformationszentrale +43/1/406 43 43

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS05 corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



C; Corrosive

R34: Causes burns.



Xn; Harmful

R22: Harmful if swallowed.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

Hazard pictograms



GHS05



GHS07

Signal word Danger

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Hazard-determining components of labelling:

disodium carbonate, compound with hydrogenperoxide (2:3)

potassium hydrogenperoxomonosulphate

sodium peroxoborate (containing < 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm)

Hazard statements

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P321 Specific treatment (see on this label).

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients

3.2 Chemical characterization: Mixtures

Description: Mixture of the substances listed below with harmless additions.

Dangerous components:

CAS: 15630-89-4 EINECS: 239-707-6	disodium carbonate, compound with hydrogenperoxide (2:3) Xn R22; Xi R41; O R8 Ox. Sol. 2, H272; Eye Dam. 1, H318; Acute Tox. 4, H302	10-25%
CAS: 7601-54-9 EINECS: 231-509-8	trisodium orthophosphate Xi R36/38 Skin Irrit. 2, H315; Eye Irrit. 2, H319	10-25%
CAS: 5329-14-6 EINECS: 226-218-8 Index number: 016-026-00-0	sulphamidic acid Xi R36/38 R52/53 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	2.5-10%

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CAS: 10058-23-8 EINECS: 233-187-4	potassium hydrogenperoxomonosulphate C R34; Xn R22; O R8 Ox. Sol. 2, H272; Skin Corr. 1B, H314; Acute Tox. 4, H302	2.5-10%
CAS: 10332-33-9 EINECS: 231-556-4 Index number: 005-019-00-8	sodium peroxoborate (containing < 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm) T Repr. Cat. 2, 3 R61; Xn R62-22; Xi R37-41; O R8 Ox. Sol. 3, H272; Repr. 1B, H360Df; Eye Dam. 1, H318; Acute Tox. 4, H302; STOT SE 3, H335	2.5-10%

4 First aid measures

4.1 Description of first aid measures

General information

Instantly remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation

Supply fresh air.

In case of unconsciousness bring patient into stable side position for transport.

After skin contact

Instantly wash with water and soap and rinse thoroughly.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor.

After swallowing

Drink copious amounts of water and provide fresh air. Instantly call for doctor.

Information for doctor

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

Use fire fighting measures that suit the environment.

5.2 Special hazards arising from the substance or mixture

Can be released in case of fire

Carbon monoxide (CO)

Carbon dioxide (CO2)

Sulphur dioxide (SO2)

5.3 Advice for firefighters

Protective equipment:



Put on breathing apparatus.

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6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions: Do not allow to enter the ground/soil.**
- **6.3 Methods and material for containment and cleaning up:**
Collect mechanically.
Dispose of contaminated material as waste according to item 13.
- **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 information on disposal.

7 Handling and storage

- **Handling**
- **7.1 Precautions for safe handling**
Keep containers tightly sealed.
Prevent formation of dust.
- **Information about protection against explosions and fires:**



Keep ignition sources away - Do not smoke.

Protect from heat.

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
- **Information about storage in one common storage facility:**
Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed containers.
Protect from heat and direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 Control parameters**
- **Components with critical 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 that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
Do not inhale dust / smoke / mist.
Instantly remove any soiled and impregnated garments.

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Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

Breathing equipment:

Not necessary if room is well-ventilated.



Use breathing protection in case of insufficient ventilation.

Protection of hands:



Protective gloves.

Material of gloves

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 protection:



Safety glasses

Body protection: *Protective work clothing.*

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: *Solid.*

Colour: *According to product specification*

Smell: *Characteristic*

Odour threshold: *Not determined.*

pH-value: *ca. 9.0*

Change in condition

Melting point/Melting range: *Not determined*

Boiling point/Boiling range: *Not determined*

Flash point: *215°C*

Inflammability (solid, gaseous) *Not applicable.*

Ignition temperature:

Decomposition temperature: *Not determined.*

Self-inflammability: *Product is not selfigniting.*

Danger of explosion: *Not determined.*

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- Critical values for explosion:	
Lower:	Not determined.
Upper:	Not determined.
- Steam pressure:	
Not determined.	
- Density	
Not determined	
- Relative density	
Not determined.	
- Vapour density	
Not determined.	
- Evaporation rate	
Not determined.	
- Solubility in / Miscibility with	
Water:	Readily soluble
- Segregation coefficient (n-octanol/water):	
Not determined.	
- Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
- 9.2 Other information	
No further relevant information available.	

10 Stability and reactivity

- 10.1 Reactivity
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions Reacts with reducing agents
- 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

11 Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity:

- LD/LC50 values that are relevant for classification:

15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)

Oral LD50 1034 mg/kg (Ratte)

Dermal LD50 > 2000 mg/kg (Kaninchen)

- Primary irritant effect:

- on the skin: Caustic effect on skin and mucous membranes.

- on the eye: Strong caustic effect.

- Sensitization: No sensitizing effect known.

- Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Harmful

Corrosive

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Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

12 Ecological information

- **12.1 Toxicity**
- *Aquatic toxicity: No further relevant information available.*
- **12.2 Persistence and degradability** *No further relevant information available.*
- **Behaviour in environmental systems:**
- **12.3 Bioaccumulative potential** *No further relevant information available.*
- **12.4 Mobility in soil** *No further relevant information available.*
- **Additional ecological information:**
- *General notes: Generally not hazardous for water.*
- **12.5 Results of PBT and vPvB assessment**
- *PBT: Not applicable.*
- *vPvB: Not applicable.*
- **12.6 Other adverse effects** *No further relevant information available.*

13 Disposal considerations

- **13.1 Waste treatment methods**
- *Recommendation: Hand over to disposers of hazardous waste.*
- **Uncleaned packagings:**
- *Recommendation: Disposal must be made according to official regulations.*

14 Transport information

- **Environmental Hazards:**
- **Marine pollutant:** *No*
- **Special Precautions for Users** *NA*
- **Bulk transport in accordance with Annex II of the MARPOL Agreement 73/78 and IBCCode** *NA*