



According to 1907/2006(REACH) &

CLP-EU 1272/2008

Date of issue: 07.09.2015

Printing date: 12.10.2015

**GipEx Tabs**

**1. Identification of the substance / Preparation and Company:**

Identification of the substance or preparation:

Commercial product name: GipEx Tabs – Sedimentation accelerator

Company / Manufacturer: ERNST HINRICHS Dental GmbH  
 Borsigstr. 1  
 D - 38644 Goslar  
 0 53 21 / 5 06 24  
 0 53 21 / 5 08 81  
 info@hinrichs-dental.de / www.hinrichs-dental.de

**2. Composition / Information on Ingredients:**

2.1 Classification of the substance or mixture: Classification according to Regulation (EC) No. 1272/2008 [CLP] :  
 Not classified

2.2 Label elements  
 Sodium Carbonate:  
 Warning symbol:



Signal word: warning  
 Hazard statements: H319 Causes serious eye irritation.

Safety statements:  
 Prevention: P264 Wash hands thoroughly after handling.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 Reaction: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
 P337 + P313 If eye irritation persists: Get medical advice/attention.

2.3 Other Hazards -

**3. Composition/ Information on ingredients**

3.1 Substance: Not applicable.  
 3.2 Mixture: Contains <20% Sodium Carbonate, CAS-NR. 497-19-8, EG-Nr. 207-838-8

**4. First aid measures:**

4.1 Description of first aid Measures:  
 Inhalation: -  
 Skin contact: Rinse with water.  
 Eye contact: Wash immediately with lots of water.  
 Ingestion: Give lots of water to drink. Seek medical advice if irritation persists.  
 4.2 Most important symptom and effects, both acute and delayed  
 Irritation possible after prolonged skin contact  
 After eye contact: Irritation of mucous membranes of the eye.  
 4.3 Indication of any immediate medical attention and special treatment needed: -

**5. Fire Fighting measures:**

5.1 Extinguishing Media: Choose suitable extinguishing media according to surroundings: powder, foam, water.  
 5.2 Special hazards arising from the substance or mixture: -  
 5.3 Advice for Firefighters: -



According to 1907/2006(REACH) &  
CLP-EU 1272/2008

Date of issue: 07.09.2015

Printing date: 12.10.2015

**GipEx Tabs**

**6. Accidental release measures:**

- |     |  |   |
|-----|--|---|
| 6.1 | Personal precautions, protective equipment and emergency procedures: | As a precautionary measure, wear disposable gloves when handling the product. |
| 6.2 | Environmental Precautions:   | -   |
| 6.3 | Methods and material for containment and cleaning up:                | Methods for cleaning up: Clean contaminated surfaces with an excess of water. |
| 6.4 | Reference to other sections:   | -   |

**7. Handling and Storage:**

- |     |   |   |
|-----|---|---|
| 7.1 | Precautions for safe handling:                                | As a precautionary measure, wear disposable gloves when handling the product.           |
| 7.2 | Conditions for safe storage, including any incompatibilities: | Store dry and frost-free. Keep package closed. Do not store together with strong acids. |
| 7.3 | Specific end use(s):  | -   |

**8. Exposure controls / Personal protection:**

- |     |                     |   |
|-----|---------------------|---|
| 8.1 | Control parameters: | -   |
| 8.2 | Exposure controls:  | As a precautionary measure, wear disposable gloves when handling the product. |

**9. Physical and chemical properties:**

- |     |   |                                 |
|-----|---|---------------------------------|
| 9.1 | Information on basic physical and chemical properties |                                 |
|     | Appearance:   | White/grey, solid, tablet form. |
|     | Odour:  | None.                           |
|     | Odour threshold:                                      | -                               |
|     | pH:   | 9.2                             |
|     | Melting/Freezing point:                               | n.a.                            |
|     | Boiling point:  | n.a.                            |
|     | Flash point:  | n.a.                            |
|     | Evaporation rate:                                     | n.a.                            |
|     | Flammability:   | n.a.                            |
|     | Explosive limits:                                     | n.a.                            |
|     | Vapour pressure:                                      | n.b.                            |
|     | Relative vapour density:                              | -                               |
|     | Relative density:                                     | 1.6 +/- 0.02                    |
|     | Solubility:   | Completely soluble in water.    |
|     | Partition coefficient:                                | n-Octanol/Water: -              |
|     | Auto-ignition temperature:                            | n.a.                            |
|     | Decomposition temperature:                            | n.a.                            |
|     | Viscosity:  | n.a.                            |
|     | Explosive properties:                                 | None.                           |
|     | Oxidizing properties:                                 | None.                           |
| 9.2 | Other information.                                    | -                               |

**-10. Stability and Reactivity:**

- |      |                                     |   |
|------|-------------------------------------|---|
| 10.1 | Reactivity.                         | May form noxious gases (SO <sub>2</sub> ) on contact with strong acids. |
| 10.2 | Chemical stability.                 | Stable at normal conditions.  |
| 10.3 | Possibility of hazardous reactions. | May form noxious gases (SO <sub>2</sub> ) on contact with strong acids. |
| 10.4 | Conditions to avoid.                | Freezing, contact with strong acids.                                    |
| 10.5 | Incompatible materials.             | Strong acids.   |
| 10.6 | Hazardous decomposition products.   | -   |



According to 1907/2006(REACH) &  
CLP-EU 1272/2008

Date of issue: 07.09.2015

Printing date: 12.10.2015

**GipEx Tabs**

**11. Toxicological Information:**

11.1 Information on toxicological effects  
 Product: No acute toxicity.  
 Ingredient Sodium Carbonate: 4090 mg·kg<sup>-1</sup> (LD50, Rat, oral)

**12. Ecological Information:**

12.1 Toxicity: >5000 mg·kg<sup>-1</sup> (LD50, Rat, oral)  
 12.2 Persistence and degradability: Methods of evaluation of biodegradability are not applicable for anorganic substances.  
 12.3 Bioaccumulative potential: None.  
 12.4 Mobility in soil: Product: mobile in an aqueous environment.  
 12.5 Results of PBT and VPVB assessment: Product: neither considered as persistent, bioaccumulating nor toxic (PBT).  
 12.6 Other adverse effects: n.b.

**13. Disposal Considerations:**

13.1 Waste treatment methods Do not discharge into drains or the environment. Redirect PP packaging to appropriate recycling process.

**14. Transport Information:**

Not regulated for transport.  
 14.1 UN Number n.a.  
 14.2 UN proper shipping name n.a.  
 14.3 Transport hazard class n.a.  
 14.4 Packing group n.a.  
 14.5 Environmental threats n.a.  
 14.6 Special precautions for user n.a.  
 14.7 Transportation in bulk according to Annex II of MARPOL73/78 and IBC Code n.a.

**15. Regulatory Information:**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Sodium carbonate: WGK (German Water Hazard Classification) 222; WGK:1; slightly hazardous; Classification in accordance with VwVwS, Annex 2.  
 15.2 Chemical safety assessment No additional information available.

**16. Other Information:**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. None of the indications, compositions or applications have the intention of violating existing patents. The contents and format of this material safety data sheet are in accordance with REACH 1907/2006 and CLPEU 1272/2008. All the given information is correct to our current knowledge.