

EU – Safety Data Sheet

in accordance with REACH 1907/2006 and CLP EU 1272/2008



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Printing date: 13.05.2025

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Revision: 15.4

GipEx Tabs

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

- 1.1 Product identifier**
Commercial product name: GipEx Tabs – Sedimentation accelerator
Type: Tablet
Contents: Sodium Carbonate, CAS-NR. 497-19-8 („Soda“, E500)
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:** Sedimentation accelerator with odour prevention for plaster (gypsum) separators, in tablet form
- 1.3 Details of the supplier of the safety data sheet**
Manufacturer/Supplier: ERNST HINRICHS Dental GmbH
Street / mailbox: Borsigstr. 1
Country code. / postal code / city: D - 38644 Goslar
Phone: 0 53 21 / 5 06 24
Fax: 0 53 21 / 5 08 81
E-mail / Website: info@hinrichs-dental.de / www.hinrichs-dental.de
Further information obtainable from: ERNST HINRICHS Dental GmbH
- 1.4 Emergency telephone number**
ERNST HINRICHS Dental GmbH: +49 (0) 53 21 / 5 06 24 (Mon-Fri. 8 a.m. – 4 p.m.)

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture:**
Classification according to Regulation (EC) No. 1272/2008 [CLP] : 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 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
+ P338
P337 + P313 If eye irritation persists: Get medical advice/attention.

2.3 Other Hazards -

SECTION 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

SECTION 4: First aid measures

- 4.1 Description of first aid Measures:**

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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:	-

SECTION 5: Firefighting 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:	-

SECTION 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:	-

SECTION 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):	-

SECTION 8: Exposure controls/personal protection

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

SECTION 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.

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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. -

SECTION 10: Stability and reactivity

10.1 Reactivity.	May form noxious gases (SO ₂) on contact with strong acids.
10.2 Chemical stability.	Stable at normal conditions.
10.3 Possibility of hazardous reactions.	May form noxious gases (SO ₂) 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.	-

SECTION 11: Toxicological information

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

SECTION 12: Ecological information

12.1 Toxicity:	>5000 mg·kg ⁻¹ (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.

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SECTION 13: Disposal considerations

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

SECTION 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.

SECTION 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.

SECTION 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. Nothing may be duplicated and/or multiplied without our written consent. 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.