

Product Name: *Cedis* Cleansing tablets

REF: 87100

Print Date: 26 June 2007

last alteration 26 June 2007

1. Chemical Product and Company Identification

1.1 Product Name: *Cedis* Cleansing tablets**1.2 Manufacturer / Distributor Identification**

Company: egger Otoplastik+Labortechnik GmbH
Aybühlweg 59
87439 Kempten/Germany

Phone: +49 831 58113-60

Fax: +49 831 58113-14

Internet: www.egger-labor.com

E-Mail: sales@egger-labor.de

Poison Emergency: Munich (Germany) (Toxicological department of the II. Med. hospital)

Phone: +49 89 19240

2. Composition / Information on Ingredients

2.1 Chemical Characterization (Preparation): Mixture of determining single components sodium hydrogen carbonate, potassium peroxomonosulphate, sodium perborate, citric acid, sodium etherlaurylsulphate, coloring, natural flavours.**2.2 Hazardous Ingredients:** ---**2.3 Additional Advice:** ---

3. Possible Hazards

Critical Hazards to Man and Environment: The product irritates eyes and skin. Harmful when swallowed. Avoid contact with inflammable materials.

4. First-Aid Measures

General Information: In case of enduring problems seek for medical aid.**After Inhalation:** ---**After Skin Contact:** Rinse thoroughly with water.**After Eye Contact:** Rinse with much water.**After Swallowing:** If not unconscious rinse mouth with much water, give the person a lot of water to drink in small gulps (dilution effect). Do not force vomiting. Immediately call for a doctor.**Advice to Doctor:** No specific recommendations known, therapy like in case of cauterization. After swallowing, rinsing stomach in gastroscopic view.

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5. Fire-Fighting Measures

Suitable extinguishing Material: Water, foam, fire extinguishing powder, sand.

Extinguishing Material which must not be used for Safety Reasons: Organic compounds, carbon dioxide.

Special Exposure Hazards arising from the Substance or Preparation itself, Combustion Products, resulting Gases: The product can set free oxygen in case of heat and favour fire in the presence of inflammable materials. Smoke gas could contain small amounts of sulphur dioxide. Not inflammable.

Special protective Equipment for Fire Fighting: Stay in the danger zone only with a breath protecting system which is independent from circulating air (isolating device).

Additional Information: Avoid contaminating of underground water by water which was used for fire-fighting.

6. Accidental release Measures

Personal Precautions: Avoid breathing of dust, contact with skin, eyes and clothes, rinse rests with lots of water.

Environmental Precautions: Do not pour into sewage system, surface water or ground water.

Methods for Cleaning up: Collect the material dry. Dispose. Clean afterwards. Avoid formation of dust. Small quantities can be rinsed by a lot of water.

7. Handling and Storage

7.1 Handling: no further demands.

Precautions for safe Handling: ---

Precautions against Fire and Explosion: ---

7.2 Storage:

Conditions for Storage Rooms and Vessels: Close densely. Protect from heat source and from heat. Store in distance from inflammable materials.

Advice for Storage of incompatible Materials: ---

Further Information for Storage: ---

8. Exposure Controls / Personal Protection

8.1 Additional Advice on System Design: ---

8.2 Ingredients with occupational Exposure Limits to be monitored: ---

8.3 Personal Protection Equipment: not applicable

General Protection and Hygiene Measures: Change contaminated clothes. Wash hands after working.

Respiratory Protection (Filter A): required in case of dust

Hand and Skin Protection: usage recommended

Eye Protection: usage recommended in case of dust

Body Protection: Such means have to be chosen in respect to the concentration and quantity of dangerous materials and specifically according to the workplace. The perserverance of chemicals of the protective substances should be checked with the suppliers.

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9. Physical and Chemical Properties

9.1 Appearance

Form: Tablet
 Odor: aromatic
 Color: blue-white mottled

9.2 Data relevant for Safety

pH-Value: approx. 8 with 3 g (1 tablet) in 200 ml water
 Apparent density: approx. 1.85 g/ml
 Thermal Decomposition: > 50 °C (122 °F)
 Flash Point: ---
 Ignition Temperature: ---
 Explosion Properties: ---
 Vapor Pressure: n. a.
 Viscosity: ---
 Density: ---

9.3 Further Information:

Solubility in Water: soluble

10. Stability and Reactivity

General information: The product is stable, danger of decomposition when exposed to heat and humidity. Product favours fire. Keep away from inflammable materials. Product is an oxidising agent and contains inorganic peroxide compounds which release oxygen. The product itself is not inflammable.

Hazardous reactions: ---

Conditions to avoid: Sun radiation, heat, humidity.

Materials to avoid: Inflammable materials, reducing agents (danger to decompose).

Hazardous Decomposition: Oxygen, anorganic salts. In case of thermal decomposition by heat small amounts of sulphur dioxide can develop.

11. Toxicological Information

Acute toxicity (LD₅₀): 1) potassic peroxomonosulphate 2) sodium carbonate,
 3) sodium perborate species rat
 1) 1204 mg/kg - 2) 4220 mg/kg - 3) 2240 mg/kg

Irritation of Skin:

1) caustic - 2) no data available - 3) easily irritating

Irritation of Eye: Species rabbit

1) strongly irritating - 2) lightly irritating - 3) irritating

Sensibilisation: Species guinea pig

1) none (max-test) - 2) no data available - 3) none (max-test)

Experience upon men: 1) local contact: irritation, occasionally caustic effect - 2) After breathing of dust or eye contact light irritation - 3) After swallowing, irritation of mucous membranes

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Additional Information: Toxicological data for the product (cleansing tablets) are presently not available. Due to the composition of the main ingredient sodium carbonate all in all a local irritation of eyes, mucous membranes and respiratory organs can be expected.

12. Ecological Information

12.1 Data on Elimination (Persistence and Degradability): Methods for determining biological decomposition are not applicable to inorganic materials. Non-biological decomposition as a consequence of hydrolysis, decomposition or reduction.

12.2 Behavior in environmental Compartments: Mobility and bio-accumulation as well as accumulation in organisms is not expected.

12.3. Ecotoxicological Effects: no data available

Effects in sewage Treatment Plants (Bacteria Toxicity: Respiration-/Reproduction Inhibition): ---

12.4 Further ecological Information: Do not put into waters, sewage or soil. The product does not contain organic bound halogen, no heavy metals according to EU guidelines no. 76/464

13. Disposal Considerations

Waste Code No.: ---

Product: There are no unique EU regulations for disposal of chemicals. In Germany the utilization requirement is regulated by the act of circulation-economy-waste (KrW/AbfG). Accordingly, one has to differentiate between "waste for utilization" and "waste for disposal". Specific regulations – especially concerning delivery are made by the single German states (Bundesländer). Please contact the responsible institutions to get further information concerning usage or disposal.

Contaminated Packaging: Disposal according to the regulations. Contaminated packs have to be treated like the materials. If not regulated otherwise, not contaminated packs may be treated like household waste and may be recycled.

14. Transport Information

Regulations for Land (ADR/RID/GGVSE) no dangerous goods

ADR/RID-GGVSE Class --- **cl.-Code:** --- **LQ Land:** ---

Regulations for Sea (IMDG/GGV Sea) no dangerous goods

IMDG/GGV Sea Class: --- **EmS:** --- **Marine pollutant:** ---

LQ Sea: ---

Regulations for Air (ICAO/IATA) no dangerous goods

ICAO/IATA Class: --- **UN-No.:** --- **Proper Name:** ---

Further Information: ---

