

Product name: ZERO-arti

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1. Identification of the substance/preparation and of the company/undertaking**Product details / Trade name:**

ZERO-arti

Manufacturer / Supplier

dentona AG
Otto-Hahn-Str. 27
D-44227 Dortmund
Phone: +49 231 5556-0
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2. Composition / information on ingredients**Chemical characterization:****Description:** Calcium sulphate hemihydrate**CAS No.:** 10034 - 76 - 1**Chemical formula:** $\text{CaSO}_4 \times \frac{1}{2} \text{H}_2\text{O}$ **EINECS-No:** none known**EWG-No.:** 231-900-3**3. Hazards identification****Hazard identification:** none**Information concerning particular hazards for human and environment:** Not applicable.**4. First-aid measures****General information:****After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Generally the product does not irritate the skin.**After eye contact:** Rinse opened eye for several minutes under running water.**After swallowing:** If symptoms persist consult doctor.**5. Fire-fighting measures****Suitable extinguishing agents:** CO_2 , powder or water spray.**Protective equipment:** No special measures required.**6. Accidental release measures****Person-related safety precautions:** Not required.**Measures for environmental protection:** No special measures required.**Measures for cleaning/collecting:** Pick up mechanically.**Additional information:** No dangerous substances are released.

7. Handling and storage

Handling:

- **Information for safe handling:** No special measures required.
- **Information about fire- and explosion protection:** No special measures required.

Storage:

- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

Storage class:

8. Exposure controls / personal protection:

Additional information about design of technical facilities:

Ingredients with limit values that require monitoring at the workplace: Not required.

Personal protective equipment:

- **Respiratory protection:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Not required.

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

9. Physical and chemical properties

- **Form:** solid
- **Colour:** various colours
- **Odour:** odourless

Change in condition

- **Melting point / Melting range:** > 1400° C
- **Boiling point / Boiling range:** Not applicable
- **Flash point:** Not applicable
- **Flammability:** Not applicable
- **Danger of explosion:** Product does not present an explosion hazard
- **Density:** at 20° C 2,6 g / cm³
- **Solubility in water:** at 20° C 2 g/l

10. Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

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11. Toxicological information

Acute toxicity:

Primary irritant effect:

- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. The substance is not subject to classification according to the latest version of the EU lists.

12. Ecological information

General notes: Generally not hazardous for water

13. Disposal considerations

Product

- **Recommendation:** Smaller quantities can be disposed of with household waste

Uncleaned packaging

- **Recommendation:** Disposal must be made according to official regulations.

14. Transport information

Land transport

- **ADR/RID/GGVS/GGVE-class**

15. Regulatory information

Labeling according to EU guidelines: none

National regulations:

- **Classification according to VbF:** void
- **Waterhazard class:** Generally not hazardous for water

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.