

EU-Safety Data Sheets relating 91/155/EEC number: 128-010

Home Nr.: 128-010 Revise at: 01.2010
Name of Cmrce. **Blasting Corundum, High Grade Corundum**
Version: 1.1 Class of: 01.2010
Product no.: **128-010-00, 128-011-00, 128-015-00, 128-016-00, 128-017-00, 128-020-00**
Code:

01. Identification of the Substance and of the Company

Product Definition

Name of Cmrce.: Blasting Corundum, High Grade Corundum
Product-Infos: Blasting Corundum, High Grade Corundum
Manufacturer: DENTAURUM GmbH & Co. KG
Turnstraße 31 D-75228 Ispringen

Information from

Emergency-Info: Chemie
07231-803-184/190

02. Composition/Information on Ingredients

Chemical Nature:
Aluminium oxide Al₂O₃ (99,6%), Fe₂O₃, SiO₂

CAS: 1344-28-1	EG:	UN:	EINECS: 215-691-6
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Dangerous Contents:

CAS number/Description:	Concentration:	GS:	R Phrases:
1344-28-1 Aluminium oxide			

03. Hazards Identification

10100 No particular hazards known.

04. First-Aid Measures

- First aid measures / eye contact
In case of contact with eyes rinse thoroughly with water

05. Fire-fighting Measures

- Suitable extinguishing materials
Product itself is non-combustible; Fire extinguishing method of surrounding areas must be discussed.

06. Accidental Release Measures

- personal precautions
Avoid dust formation.
- methods for cleaning up / taking up
Take up mechanically

07. Handling and Storage

- Advice on safe handling
Provide extraction if dust raised.
No special measures necessary if used correctly.
- Advice on protection against fire and explosion
The product is not combustible
- Requirements for storage rooms and vessels
No special measures required.
- Further information on storage conditions
Store in a dry place.

08. Exposure Controls/Personal Protection

- Hand protection
Protective gloves
- Eye protection
goggles
- General protective measures
Do not inhale dust
- Hygiene measures
Wash hands before breaks and after work.

Ingredients relating to Workplace-Limits to get supervised

CAS number/Description:	Concentration:	Typ:	Value:
1344-28-1 Aluminium oxide	-	MAK	6,000 mg/m ³ ml/m ³

09. Physical and chemical Properties

- Form
Granules
- Colour
brown (REF 128-010-00 / 128-011-00)
white (REF 128-015-00 / 128-016-00 / 128-017-00 / 128-020-00)
- Odour
odourless
- pH-value: (10g/l) 4-8 (20°C)
- Changes in physical state 1, solid - liquid and others
Melting point: ca. 2000°C
- Density / remarks 3,7-4,5g/cm³
- Bulk density / remarks: 500-2500 kg/m³
- Solubility in water / remarks
insoluble

10. Stability and Reactivity

- Hazardous reactions
No hazardous reactions known.
- Hazardous decomposition products
No hazardous decomposition products known.

11. Toxicological Information

- Irritant effect on skin / validation
non-irritant
- Irritant effect on eyes / validation
slight irritant effect - does not require labelling
- General remarks
No toxicological data are available.

12. Ecological Information

- General information / ecology
Product is insoluble in water

13. Disposal Considerations

- Disposal / product
Can be disposed of or incinerated together with household refuse
Waste code no. (only EC): 200301
- Disposal / contaminated packaging
Uncontaminated packaging may be taken for recycling

14. Transport Information

No dangerous good

15. Regulatory Information

- Labelling
The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.
- Water hazard class / remarks
not water hazardous

16. Other Information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.
