

Safety Data Sheet according to Regulation (EC) Nr. 1907/2006

Revisions date: 13.11.2013

FRIALIT®-DEGUSSIT® Oxide Ceramics

1. Identification of the substance and of the company

Trade name: **FRIALIT®FZY**

Relevant identified uses: Oxide-ceramic products

Manufacturer: **FRIATEC Aktiengesellschaft**
Ceramics Division
Steinzeugstraße 50
D-68229 Mannheim
Tel. +49 621 486-1425
info-frialit@friatec.de

Information contact:

2. Hazards identification

Not classified as hazardous acc. to GHS or EC-regulation

3. Information on ingredients:

Characterisation: With Y_2O_3 partially stabilized zirconia

Main component: ZrO_2

CAS – No: 1314-23-4

EINECS – No: 215-227-2

Hazardous ingredients: none

4. First aid measures:

No special measures necessary

5. Firefighting measures:

The product itself does not burn

6. Accidental release requirements:

No special measures necessary

7. Handling and storage:

Brittle material, handling accordingly

8. Exposure controls and personal protection:

No special measures necessary

9. Physical and chemical properties:

Appearance: Physical state: solid ceramic product
Colour: white
Odour: none
Density: approx. 5,7 g/cm³

Safety relevant basic data: Melting point: approx. 2700°C
Flash point: not applicable
Explosive limits: not applicable
Ignition point: not applicable
Water solubility: insoluble

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10. Stability and reactivity:
No disclosures required

11. Toxicological information:
Not classified as toxic or hazardous

12. Ecological information:
Without risk to the environment

13. Disposal considerations:
According the local official regulations for ceramic materials

14. Transport information:
Not dangerous cargo

15. Regulatory information:
.A safety data sheet is not mandatory acc. 1907/2006/EU. Provide is voluntary.

16. Other information:
The data given here are based on current knowledge and experience . The purpose of this Safety Data Sheet is to describe the product in terms of their safety requirements. The data do not signify any warranty with regard to the product's properties.

This safety data sheet was created with computer and is valid without signature.