

# 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®FZM**

Relevant identified uses: Oxide-ceramic products

Manufacturer: **FRIATEC Aktiengesellschaft**  
Ceramics Division  
Steinzeugstraße 50  
D-68229 Mannheim

Information contact: Tel. +49 621 486-1425  
info-frialit@friatec.de

## 2. Hazards identification

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

## 3. Information on ingredients:

Characterisation: With MgO partially stabilized zirconia  
Main component: ZrO<sub>2</sub>  
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: yellow  
Odour: none  
Density: approx. 5,7 g/cm<sup>3</sup>

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

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

Revisions date: 13.11.2013

**FRIALIT®-DEGUSSIT® Oxide Ceramics**

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.