



**MICROSPHERES**  
S O U T H A F R I C A

☎ +27 83 2283 185  
✉ roeland@microspheres.co.za  
🌐 www.microspheres.co.za

## ENOLITE<sup>®</sup> MATERIAL SAFETY DATA SHEET

### PRODUCT AND COMPANY IDENTIFICATION

**Trade Name:** Cenolite<sup>®</sup> 300/180/90w/300K/300E  
**Chemical Name:** Cenospheres / microspheres  
**Manufacturer:** Microspheres South Africa cc  
Matla Power station Premises  
Delmas Rd, Kriel  
South Africa  
**Telephone Number:** +27 (0)83 228 3185  
**Email Contact:** roeland@microspheres.co.za

### HAZARDS IDENTIFICATION

**Main Hazards:** Airborne dust may lead to eye irritation

### COMPONENT INFORMATION

**Name:** Hollow Alumino Silicate Spheres  
**CAS number:** 93924-19-7  
**EINECS:** 268-274

### FIRST AID MEASURES

**Inhalation:** Remove from exposure  
**Respiratory Protection:** Dust mask in high areas of concentration  
**Effects on Ingestion:** Drink plenty of water and seek medical advice  
**Contact with Skin:** Wash thoroughly with soap and water  
**Contact with eyes:** Wash with copious amounts of water.  
If irritation persists seek medical advice.



**MICROSPHERES**  
S O U T H A F R I C A

☎ +27 83 2283 185  
✉ roeland@microspheres.co.za  
🌐 www.microspheres.co.za

## **ENOLITE® MATERIAL SAFETY DATA SHEET**

### **FIRE AND EXPLOSION HAZARD DATA**

Extinguishing Media:	Non-Combustible. No hazardous products in fire situation (except packing material)
Flash point:	No flash point
Ignition point:	No ignition point
Explosion hazard:	No Explosion hazard

### **ACCIDENTAL RELEASE MEASURES**

Spillage removal method:	Industrial vacuum cleaner / damp with water
Waste Disposal:	Seek advice from local authority

### **HANDLING AND STORAGE**

Handling:	Avoid generation of dust
Storage:	Store in closed containers

### **EXPOSURE CONTROL / PERSONAL PROTECTION**

Threshold values:	NPF of 10 (BS4275)
Eye Protection:	Protection to comply with BS 2092
Respiratory protection:	Dust masks conforming to EN149 FFP2S or FFP3S should be used if OES-TWA limits are exceeded
Body Protection:	Overall, Boots and Helmet advisable
Hygiene Measures:	Wear chromed cotton



**MICROSPHERES**  
S O U T H A F R I C A

☎ +27 83 2283 185  
✉ roeland@microspheres.co.za  
🌐 www.microspheres.co.za

## ENOLITE<sup>®</sup> MATERIAL SAFETY DATA SHEET

### PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine particle powder
Odour:	Slight earthy odour
pH:	6 - 8 in 50% solid concentration
Relative density:	0.60 - 0.85 g/cc
Melting point:	1200 - 1500 °C

### STABILITY AND REACTIVITY

Stability:	Stable up to 1200 °C
Conditions to avoid:	None
Hazardous Reactions:	None
Flammability:	None

### TOXICOLOGICAL INFORMATION

Acute Toxicity:	Classified as Nuisance dust
-----------------	-----------------------------

### ECOLOGICAL INFORMATION

Ecotoxicity:	<b>Not regarded as dangerous for the environment</b>
Acute fish toxicity:	Not considered toxic to fish
Persistence and Degradability:	The product is not readily biodegradable
Bioaccumulative potential:	The product is not bioaccumulating
Mobility in soil:	Not relevant, due to the form of the product
Results of PBT and vPvB assessment:	This product does not contain any PBT or vPvB substances



## ENOLITE<sup>®</sup> MATERIAL SAFETY DATA SHEET

### DISPOSAL CONSIDERATIONS

**Product Disposal:** In sealed bags to general industrial waste site

### TRANSPORTATION CONSIDERATIONS

**Classification:** N/A

### REGULATORY INFORMATION

**EU Classification:** N/A

**R-Phrase(s):** N/A

**S-Phrase(s):** N/A

### OTHER INFORMATION

**Issue date:** 24 May 2021

**Revision date:** 24 May 2023

**Author:** Roeland Thijs

**Other Information:** No specific provisions

Refer to any National measures that may be relevant.

*The information contained in this document is based on data from reliable sources and experience with our company. We believe this information to be correct but cannot guarantee its accuracy and no warranty is expressed by this.*