

# ***Carbon Enterprises Ltd***

## **MATERIAL SAFETY DATA SHEET**

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### **1. CARBON ENTERPRISES CALCINED ALUMINAS**

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### **2. COMPOSITION**

Aluminium Oxide c 100%.

### **3. HAZARDS ID**

Non flammable.  
Eye contact: mild irritation  
Skin contact: mild irritation  
Inhalation: mild respiratory tract irritation  
Ingestion: mild irritation

### **4. FIRST AID**

Eye contact: Wash eyes with water.  
Skin contact: Wash with soap and water.  
Inhalation: Remove exposed person from dusty area.  
Ingestion: Drink water.  
Conditions aggravated by exposure include lung disorders, asthma and skin conditions.

### **5. MEASURES IN CASE OF FIRE**

Calcined alumina is not flammable. Use normal means of fire fighting and use respiratory equipment.

## 6. ACCIDENTIAL RELEASE

Avoid exposure to dust. Collect in a suitable container.

## 7. STORAGE AND HANDLING

Handling: Ensure good ventilation during handling – avoid dust generation.  
Protective Equipment: Use respiratory protection and eye protection.

## 8. EXPOSURE CONTROLS

TLV 10mg/m<sup>3</sup> maximum.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form/Colour	White crystalline powder
Odour	None
Melting Point	2000°C
Soluble in H <sub>2</sub> O	No
Density	270 – 380 kg/m <sup>3</sup>
PH	8 - 10
Flash Point	N/A

## 10. STABILITY AND REACTIVITY

The material is non corrosive, does not produce dangerous decomposition products. Heating occurs when mixed with H<sub>2</sub>O.

## 11. TOXICOLOGY

See paras 4 and 10.

## 12. ECOLOGICAL INFORMATION

Calcined alumina is not classified as being dangerous to the environment.

**13. DISPOSAL**

Material must be disposed of at an official landfill site and under local Regulations.

**14. TRANSPORT**

Material is not subject to any classification.

**15. REGULATORY INFORMATION**

The material is not subject to identification regulations within the EU.

**16. OTHER INFORMATION**