

# CTECH

**CTECH EUROPE LIMITED**  
**EC Safety Data Sheet**

Last change: 30/07/12

Date of issue: 9/11/10

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## **1. Identification of substance/Preparation and of the Company/Undertaking**

**Product Name**                      **Reaction separating agent - PolyClay 660**

**Use**                                      **Trade effluent processing agent**

**Address**                              CTECH Europe Ltd  
Unit 2, Rovert House  
Clayhill Industrial Park, Watertower Road  
Neston, South Wirral CH64 3US  
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Email: b.smith@ctech-europe.com

Emergency Contact: 0151 336 7775 during office hours and 07971 654222 after office hours

## **2. Hazards Identification**

Classification for Supply:                      Irritant, S22 (recommended), S24/25, S82

Health Hazards:                              *This product may be an irritant to some people, skin contact may produce an allergic reaction in sensitive individuals.*

Avoid inhalation and/or exceeding or occupational limit value.

Dusty, risk of slips when wet

Environmental Hazards:                      None known

## **3. Composition/ Information on Ingredients**

### **Chemical characterization**

CAS-No.	EC Number	%Concentration	Component	Classification
1305-78-8	215-138-9	<10%	Lime (calcium oxide)	Xi, R36, R37, R38, R41
10043-01-3	233-135-0	>10%	Aluminum sulphate	Xi, N, R36/37/38

## **4. First aid Measures**

General advice:                              none

Eye Contact:                                  Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes and consult doctor.

Skin Contact:                                  Wash off with soap and plenty of water if available.

Inhalation:                                      Move to fresh air

Ingestion:                                      Rinse mouth, drink water, move to fresh air and consult doctor.

Medical advice:                              none

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### 5. Fire Fighting Measures

Fire and explosive properties: This product does not burn

Extinguishing media: Use extinguishing media suitable for the environment

Special hazards: None

### 6. Accidental release Measures

Personal precautions: Do not breathe dust.  
Slippery when wet.

Environmental Precautions: none

Methods for cleaning up: Take up uncontaminated material and pass on for further processing.  
Take up contaminated material by mechanical means, load into clean containers, and dispose of in accordance with regulations.  
Wash small amounts away with water.

Additional information: Avoid dust formation.

### 7. Handling and Storage

Safe handling advice: Avoid formation of dust and aerosols.

Measures to prevent fire and explosions: No special precautions required.

Requirements for storage rooms: Keep container tightly closed and dry.

Materials not to be stored together: no restrictions

### 8. Exposure controls/Personal Protection

UK Exposure limits

Component	OEL Respirable dust
Bentonite	TWA= 5 mg/m <sup>3</sup>
Aluminium sulphate	TWA= 2 mg/m <sup>3</sup>
Lime	TWA= 5 mg/m <sup>3</sup>

Exposure Controls: Good ventilation,

Technical measures: local exhaust

Personal protection

Respiratory protection: In case of formation of dust: Dust-Mask/ Filter P2

Eye protection: safety glasses

Hand protection: In case of formation of dust: Chemical resistant gloves.

Body protection: none

Hygienic measures: Wash off with warm water and soap.

General personal protection: none

### 9. Physical and Chemical Properties

Form:	powder	Vapor Pressure (mm Hg.)	Not Applicable
Colour:	beige	bulk density:	900 kg/m <sup>3</sup> +/- 50
Odour:	none	Solubility in Water	Negligible
Melting Point	> 1000 °C	pH- value:	8 +/- 1
Boiling Point	Not Applicable	Viscosity	Not Applicable
Flash Point:	Not Applicable	ignition temperature:	Not Applicable

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### 10 Stability and Reactivity

Hazardous reactions (conditions to avoid):	None known
Hazardous reactions (materials to avoid)	None known
Hazardous decomposition products	No decomposition if stored and applied as directed.

### 11. Toxicological Information

Potential Health Effects	None Known
Hazardous Ingredient Toxicity Data	No Hazardous Ingredients

### 12. Ecological Information

Ecological Information	None known environmental damage
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### 13. Disposal Considerations

All local and national regulations should be followed. Can be co-disposed of with household solid waste given local authority approval.

### 14. Transport Information

Road transport ADR/RID/ GGVS/GGVE	not a dangerous substance as defined in the above regulations.
Inland navigation ADN/ADNR	not a dangerous substance as defined in the above regulations.
Maritime transport IMDG/ GGVSee	not a dangerous substance as defined in the above regulations.
Air transport ICAO-Ti /IATA-DGR	not a dangerous substance as defined in the above regulations.

### 15. Regulatory Information

Classification according to EEC directives	The product is labeled in accordance with EC Directives or respective national laws.
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Special label:



**R41**

Additional inform

S22 – Do not breathe dust (recommendation)  
Follow the usual precautions required when handling chemicals.  
S24/25 Avoid contact with skin and eyes  
S82 Spills are very slippery when wet.

### 16. Other Information

The Information here in has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, CTECH Europe Limited cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liabilities, for its use. Before using any product, read the label.

This version of the safety data sheet replaces all previous versions and significant changes from the last sheet are shown in italics.