

# MSDS BENTONITE PELLETS

## (Material Safety Data Sheet)

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

## BENTONITE PELLETS

Mudtech Ltd, Morrison Mud Division, Wyburn House, 1 Crab Lane, Stafford, ST16 1SB UK  
Telephone 01929 551245 Fax 01929 554361 Sales@mudtech.co.uk

### 2. COMPOSITION/INFORMATION

Montmorillonite pellets

### 3. HAZARDS IDENTIFICATION

Not classified as hazardous. Avoid breathing dust.

### 4. FIRST AID MEASURES

First Aid

Skin contact - Wash with water and soap

Eye Contact - Flush with water for at least 5mins

Ingestion - Rest.fresh air. If symptoms develop seek medical advice -

### 5. FIRE FIGHTING MEASURES

Not flammable

Slippery when wet.

### 6. ACCIDENTAL RELEASE MEASURES

Environmental care - Avoid dusting

Cleaning methods - Scoop up spilled product

### 7. HANDLING AND STORAGE

Keep dry

### 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Exposure controls -

MAC value(mg/m<sup>3</sup>) -10(dust)

PERSONAL PROTECTION

Inhalation - Dustmask

Eyes - Goggles

### 9. PHYSICAL AND CHEMICAL PROPERTIES

State of aggregation - Granules

Colour - Grey/yellow

Odour - Odourless

pH - 7- 8 (10% suspension)

Boiling Point (°C) - N/a

Melting Point (°C) ->1250

Flashpoint (°C) - N/a

Flammability -

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Autoflammability	-
Explosion limits	-
Oxidising Properties	-
Vapour Pressure	-
Relative density (kg/m <sup>3</sup> )	- 2400-2800
Solubility (water)	- Insoluble
(fat)	-
Particle size (um)	- 8000- 2000
Particion co-efficient	-
n-oanol/water	-
Other Data	-

### 10. STABILITY AND REACTIVITY

Stable

### 11. TOXICOLOGICAL INFORMATION

Not toxic

### 12. ECOLOGICAL INFORMATION

Aquatic toxicity: Rainbow trout LC50 96 hrs - 10,000ppm

### 13. DISPOSAL CONSIDERATIONS

Landfill

### 14. TRANSPORT INFORMATION

Not regulated

### 15 REGULATORY INFORMATION

No labelling required

### 16. OTHER INFORMATION

Recommended use Geotechnical additive

Product classified and safety data sheet produced according to EEC directives as implemented in the UK by the Chemicals (Hazards Information and Packaging) Regulations.

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief but is offered without guarantee or assumption of any liability and does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation.