

# MATERIAL SAFE DATA SHEET

## 1 Product and company identification

Trade name : ADOGROUT

Company : AGE INDUSTRIES & TRADING SDN BHD  
No. 67, Jalan 30A/119,  
Taman Taynton View,  
56000 Kuala Lumpur.

Telephone no.: 60 3 9130 7563

Use : The product is intended for use in the building and construction industry and should be used only by trained personnel.

## 2 Composition

Contains no significant amounts of any chemicals classed as hazardous for health under the CHIP 2 regulations.

## 3 Hazards identification

Repeated or prolonged contact may cause irritation to the eyes and skin by abrasion. Prolonged exposure to dust may have long term irreversible effects from inhalation of respirable crystalline silica. Dust clouds may form ignitable mixtures with air.

## 4 First aid measures

**Eyes:** Flush eyes with copious amounts of water. Seek medical advice if any irritation persists.

**Skin:** Remove contaminated clothing. Wash skin with plenty of water. Seek medical advice if any irritation persists.

**Inhalation:** If inhalation of high concentrations of dust should occur, remove victim from exposure. Obtain medical attention if victim feels unwell.

**Ingestion:** Do not induce vomiting. Wash our mouth with water, give 200-300ml of water to drink and seek medical attention.

## 5 Fire fighting measures

**Extinguishing Media:** Dry sand, dry powder and foam.

**Unsuitable Extinguishing Media:** Water jet and any material that will create a dust cloud, including carbon dioxide.

**Special Hazards:** May emit carbon oxides and sulphur oxides if combustion occurs.

**Special protective equipment:** Wear suitable clothing to prevent eye/skin contact occurring. Wear suitable breathing apparatus.

## 6 Accidental release measures

### Personal Precautions

Wear gloves and goggles. Remove all ignition sources.

### Environmental Precautions

Do not allow product to enter drains or water courses. Advise local authorities if this is not possible.

### Clean Up Methods

Recover all spillages by gently sweeping or preferably by vacuum. Avoid the creation of a dust cloud. Take precautions against static discharges. Never use water.

## 7 Handling and storage

### Handling

Avoid contact with eyes/skin. Avoid formation and inhalation of high concentrations of dust. Use non-sparking, non-static generating implements.

### Storage

Protect containers from extremes of temperature and possible sources of ignition. Do not store with incompatible chemicals.

## 8 Exposure controls and personal protection

### Long term exposure limit (LTEL)

Silica, respirable crystalline:	0.3mg/m <sup>3</sup>	8hr TWA
Total inhalable dust:	10mg/m <sup>3</sup>	8hr TWA
Respirable dust:	4mg/m <sup>3</sup>	8hr TWA

Good working practice suggests that impervious gloves and goggles should be worn when handling this product. Local exhaust ventilation or respiratory protection should be considered in confined or poorly ventilated spaces. If possible clothing of pure synthetic fabric should be avoided to prevent static build up.

## 9 Physical and chemical properties

Form:	Granular powder
Colour:	Grey
Flammability:	Combustible
Autoflammability:	>200°C
Solubility in water:	More than 90% insoluble

## 10 Stability and reactivity

### Conditions to avoid

Extremes of temperature, damp storage conditions, generation of dust clouds and containers of product left open when not in use.

**Materials to avoid**

Oxidising agents, chlorinated hydrocarbons, acids, alkalis and water (except when used).

Hazardous decomposition products

Hydrogen (upon contact with water, acids and alkalis) and oxides of carbon (upon thermal decomposition).

## 11 Toxicological information

**Inhalation**

High concentrations of dust may be mildly irritating to the upper respiratory tract. Prolonged and repeated exposure to high levels of dust may have long term irreversible effects from inhalation of respirable crystalline silica.

**Skin contact**

Repeated or prolonged skin contact may result in mild irritation.

**Eye Contact**

May cause mild irritation.

**Ingestion**

May cause mild irritation of the gastro intestinal tract.

## 12 Ecological information

**Mobility**

The product is 90% insoluble with water and is expected to have low mobility in soil. All components have low volatility.

**Degradability**

The components in the preparation that are not biodegradable are indistinguishable from naturally occurring chemicals.

**Accumulation**

The components in the preparation are not expected to bioaccumulate.

**Ecotoxicity**

Avoid discharge of large volumes of product into surface waters or water courses. Advise local authorities if this is not possible.

### 13 Disposal

Disposal of product and contaminated containers by landfill in accordance with local, state or national regulations.

### 14 Transport information

UN No:	1309
Class/Packing Group:	4.1 / III
HAZCHEM Code:	4[Z]
ADR/RID Item No:	13(°C)
ADR/RID Hazard ID No:	40

### 15 Regulatory information

Not classified as hazardous according to the calculation methods laid down in the CHIP 2 regulations.

### 16 Other information

None.

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