



# Safety Data Sheet

Al<sub>2</sub>O<sub>3</sub> Desiccant

SDS Revision Date: 6/25/19

## Section 1: Chemical Product and Company Identification

### 1.1 Product Identifier

#### Product Identity

Alternate References

Al<sub>2</sub>O<sub>3</sub> Desiccant

3003132430

### 1.2 Relevant Identified Uses of the Substance/Mixture and Uses Advised Against

#### Intended Use

Petroleum, chemical industry, textile, oxygen industries and automated instrument air drying

### 1.3 Details of Supplier of the Safety Data Sheet

#### Corporation Name

Edmac (Shanghai) Trading Co., Ltd  
No. 31 Chuanhui Road, Pudong  
Shanghai 201202

#### Customer Service:

086-400-086-1873  
ricky.shen@cn.atlascopco.com

## Section 2: Hazards Identification

### 2.1 Health Effect

A large amount inhalation of dust may cause discomfort in lungs and tracheal.

### 2.2 Environmental Effect

No harm, can be directly landfilled before and after use.

### 2.3 Fire Risk

Unburnt.

## Section 3: Composition/Ingredient Information

This product is considered a mixture.

**Chemical Name:** CaO, SiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>

## Section 4: First Aid Measures

### 4.1 Description of First Aid Measures

**Eyes:** Immediately flush eyes with plenty of water.

**Skin:** Immediately flush skin with plenty of water.

## Section 5: Fire Fighting Measures

### 5.1 Hazard Profile

No harm.

### 5.2 Harmful Burning Waste

None.

## Section 6: Accidental Release Measures

## Section 7: Handling and Storage



### 7.1 Precautions for Safe Handling

Operators should wear masks and pay attention to the dust.

### 7.2 Conditions for Safe Storage

Avoid damage and wet during the process of storage, separated from acidic chemicals.

## Section 8: Exposure Controls/Personal Protection

### 8.1 Exposure Controls

**Respiratory:** Wear masks and pay attention to the dust.

**Eyes:** Pay attention to the dust.

**Skin:** Wear common work clothes. Wear common canvas gloves.

## Section 9: Chemical and Physical Properties

**Appearance:**

White spherical solids ( $\Phi$  6-8)

**Intensity:**

$\geq 140\text{N}/\text{star}$ , wear resistance  $\geq 99.5\%$  (wt)

**Melting Point/Freezing Point:**

Not determined

**Initial Boiling Point:**

Not determined

**Flash Point:**

Not determined

**Upper/Lower Explosive Limits:**

Not determined

**Vapor Pressure:**

Not determined

**Relative Density (water=1):**

$0.66 \pm 0.03$

**Relative Density of Stream (air=1):**

Not determined

**Solubility in Water:**

Poorly soluble in water

**Partition Coefficient:**

Not determined

## Section 10: Stability and Reactivity

### 10.1 Reactivity

Hazardous Polymerization has not been reported.

### 10.2 Chemical Stability

Stable.

### 10.3 Hazardous Decomposition Products

Has not been reported.

### 10.4 Conditions to Avoid

None.

## Section 11: Toxicological Information

**Acute:** None

**Acute Poisoning:** None

**Chronic Poisoning:** Prolonged inhalation of excessive dust could result in silicosis.

**Irritation:** None

**Subacute and Chronic:** None

**Mutagenicity:** None

**Teratogenicity:** None

**Carcinogenicity:** None

## Section 12: Ecological Information

### 12.1 Biodegradability

Inorganic, non-degradable.



### 12.2 Bioaccumulative Potential

No enrichment.

### Section 13: Disposal Information

**Waste Properties:** No hazard salts.

**Waste Disposal Method:** Direct landfill.

### Section 14: Transportation Information

**UN Number:**

Not available

**Packing Mark:**

Moistureproof

**Packing Method:**

Woven bag with plastic bag

### Section 15: Regulatory Information

None

### Section 16: Other Information

#### 16.1 References

**Department:** Edmac (Shanghai) Trading Co., Ltd

**Data Audit Unit:** Institute of Adsorption & Separation Technology, Nanjing University of Technology