



Safety Data Sheet

Al₂O₃ Desiccant

SDS Revision Date: 6/25/19

Section 1: Chemical Product and Company Identification

1.1 Product Identifier

Product Identity

Alternate References

Al₂O₃ 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, SiO₂, Al₂O₃

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 (Φ 4-6)

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 ± 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