

## **SAFETY DATA SHEET**

# **FUSED WHITE ALUMINIUM OXIDE**

Safety Data Sheet  
Prepared in accordance with GHS

### **1. Identification of Substance:**

**Product Details:**

**Trade Name: FUSED WHITE ALUMINIUM OXIDE**

**Supplier:**

Abasco Trading Pty Ltd  
Unit 4, 7-17 Geddes Street, Mulgrave. Vic. 3170

A.C.N. 007 158 803 A.B.N. 82 563 362 985

Email: [admin@abasco.com.au](mailto:admin@abasco.com.au)  
Tel: +613 9560 5100

### **2. Hazard identification:**

**Not classified as hazardous according to criteria of Worksafe Australia**

**Hazard designation:** Void

**Information pertaining to particular hazards for man and environment:** Void

**Classification system:**

The classification is in line with current EC lists. It is expanded, however, by information from Technical literature and by information furnished by supplier companies.

### 3. Typical Composition/Data on components:

CAS No: 1344-28-1

**Chemical Characterization:** Fused White Aluminium Oxide %

Al<sub>2</sub>O<sub>3</sub> > 99.0

Na<sub>2</sub>O > 0.80

### 4. First Aid Measures:

**General Information:** No specific measures required.  
**After Inhalation:** Supply fresh air, consult doctor in case of symptom.  
**After Skin Contact:** Instantly wash with water and soap and rinse thoroughly. The product is not skin irritating.  
**After eye contact:** Rinse opened eye for several minutes under running water.  
**After Swallowing:** Extreme cases seek medical help immediately, **call 000** Emergency. In case of persistent symptoms consult your doctor.

### 5. Fire fighting measures:

**Protective equipment:** No specific measures required. Material not flammable.

### 6. Accidental Release measures:

**Person related safety precautions:** Avoid causing dust.  
**Measures for environmental protection:** No specific measures required.  
**Measures for cleaning/collecting:** Collect mechanically.  
**Additional Information :**  
No dangerous materials are released.  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

### 7. Handling & Storage:

**Information for safe handling:** Avoid high dust concentrations.

**Information about protection against explosions and fires:**

Material is non-explosive and not subject to fire hazard.

**Storage:**

**Requirements to be met by storerooms and containers:**

Where possible store in enclosed containers to limit dust concentrations.

**Information about storage in one common storage facility:**

Not required.

**Further information about storage conditions:** None.

## 8. **Exposure controls and personal protection:**

### **Additional information about design of technical systems:**

No further data; see item 7.

### **Components with critical values that require monitoring at the workplace:**

#### **Additional Information:**

The lists that were valid during the compilation were used as basis.

#### **Personal protective equipment:**

##### **General protective and hygienic measures:**

The usual precautionary measures should be adhered to in handling the material.

##### **Breathing Equipment:**

Use breathing protection in case of insufficient ventilation. Filter P1.

**Protection of hands:** Protective gloves.

**Eye protection:** Safety glasses.

**Body protection:** Protective work clothing.

## 9. **Physical and chemical properties:**

**Form:** Powder / grit

**Colour:** White

**Smell:** Odourless

#### **Change in Condition:**

**Melting Point:** 2050 Deg. C

**Specific Gravity:** 3.95 – 4.0

**Vapour Density:** Not applicable

**Vapour Density( air=1)** Not applicable

**Evaporation rate:** Not applicable

**Flash Point:** Not applicable.

**Flammability (solid,gaseous)** Not applicable.

**Critical Value for explosion:** Not applicable.

**Solubility in Water/**

**Miscibility with Water:** Insoluble.

## 10. **Stability and reactivity:**

### **Thermal decomposition / Conditions to be avoided.**

No decomposition if used according to specifications.

### **Dangerous reactions:**

No dangerous reactions known.

### **Dangerous products of decomposition:**

No dangerous decomposition products known.

## 11. Toxicological information:

### **Primary irritant effect:**

**On the skin:** No irritant effect.

**On the Eye:** Eye exposure (to dust) may product irritation.

**Sensitization:**No sensitizing effect known.

### **Additional toxicological information.**

As with any nuisance dust, long term exposure to concentrations of dust above The recommended exposure level may overload lung clearance mechanism and Cause adverse lung effects.

## 12. Ecological Information

### **Ecotoxicological effects**

#### **Aquatic toxicity:**

No effect on marine life.

#### **General notes:**

Not hazardous for water.

## 13. Disposal considerations:

### **Product:**

#### **Recommendation:**

Must be specially treated under adherence to official regulations.

**Waste disposal key number:** not determined.

### **Uncleaned packagings:**

#### **Recommendation:**

Dispose of packaging to regulations on the disposal of packagings.

## 14. Transport Information:

### **Transport/Additional Information.**

Not dangerous according to transport specifications.

## **15. Regulatory information:**

### **Designation according to EC guidelines:**

Observe the normal regulations.

The product is not subject to classification according to EC Directives/relevant National laws.

### **National Regulations:**

### **Water hazard class:**

Water hazard class 0: Not hazardous for water.

## **16. Other Information:**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **Contact Point:**

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4/ 7-17 Geddes Street  
Mulgrave. Vic. 3170  
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**Manufactured by: China Henan International ( China )**