

FUSED WHITE ALUMINIUM OXIDE

Material Safety Data Sheet
According to 91/155EC

Reviewed: 1st July 2014

1. Identification of Substance:

Product Details:

Trade Name: FUSED WHITE ALUMINIUM OXIDE

Supplier:

Abasco Trading Pty Ltd
4/ 7-17 Geddes Street
Mulgrave. Vic. 3170
A.C.N. 007 158 803
A.B.N 82 563 362 983
Tel: 03 9560 5100
Fax: 03 9561 8500

Local Supplier Contact Details:

W9 Pty Ltd
Unit 1, 27-29 Salisbury Rd
Hornsby NSW 2077 Australia
P: (+612) 9987 4224 F: (+612) 9476 6629
E: sales@w9.com.au W: www.w9.com.au
ABN: 82 001 747 271

Contact Australian Poisons Information Centre - 13 11 26 (in case of emergency) 24/7
NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA.

2. Composition/Data on components:

Chemical Characterization:

Fused White Aluminium Oxide:

Al₂O₃ > 99% NA₂O < 0.80%

3. Hazards identification:

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.

4. First Aid Measures:

General Information: No special 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: In case of persistent symptoms consult doctor.

5. Fire fighting measures:

Non Flammable material.

Protective equipment: No special measures required.

6. **Accidental Release measures:**

Person related safety precautions:

Avoid causing dust.

Measures for environmental protection: No special 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:

No special requirements.

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

Colour: White

Smell: Odourless

Change in Condition:

Melting Point: 2050 0C Specific Gravity: 3.95 – 4.0

Vapour Density: No: Not volatile

Vapour Density(air=1) No. Evaporation rate – No.

Solubility in Water: Insoluble

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 produce 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 packaging.

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: generally 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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Manufactured by: **China Henan International (China)**