

FUSED WHITE ALUMINIUM OXIDE

Material Safety Data Sheet
According to 91/155EC

Reviewed: 30 June 2016

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

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA.

Contact Australian Poisons Information Centre: 13 11 26 (in case of emergency) 24/7271

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:**
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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:**
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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**
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Ecotoxic effects
Aquatic toxicity:
No effect on marine life.

General notes:
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Not hazardous for water.

13. **Disposal considerations:**
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Product:
Recommendation:
Must be specially treated under adherence to official regulations.
Waste disposal key number: not determined.

Uncleaned packagings:
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Recommendation:
Dispose of packaging to regulations on the disposal of packaging.

14. **Transport Information:**
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Transport/Additional Information.
Not dangerous according to transport specifications.

15. **Regulatory information:**
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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:
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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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Abasco Trading Pty Ltd

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