

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product Code Alusion  
Product Description Aluminium Oxide  
REACH Registration # 01-2119529248-35-0342

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Cosmetics

### 1.3 Details of the supplier of the safety data sheet

Company Antaria Pty Ltd, 112 Radium Street, Welshpool,  
Western Australia 6106, Australia  
Responsible Department Quality Assurance, info@antaria.com

### 1.4 Emergency telephone number (24 hour)

+61 7 3724 0772

## SECTION 2: Hazards Identification

### 2.1 Classification of the substance or mixture

This substance is not classified as dangerous according to European Union legislation.

### 2.2 Label elements

None.

### 2.3 Other hazards

None known.

## SECTION 3: Composition/information on ingredients

Ingredient	Weight %	CAS	EINECS	Classification according to 67/548/EEC	Classification according to (EC) 1272/2008 (CLP)
Aluminium oxide	>99.5	1344-28-1	215-691-6	-	-

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

Skin Wash affected areas with water and soap. Remove contaminated clothing.  
Eyes Flush gently for 10 – 15 min with running water. Seek medical attention if irritation develops.  
Inhalation After inhalation of large amounts of dusts, remove to fresh air. If irritation or discomfort persists seek medical attention.  
Ingestion Drink plenty of water to dilute. Do NOT induce vomiting without first seeking medical advice. Get medical attention if person feels unwell.

### 4.2 Most important symptoms and effects, both acute and delayed

None known.

**4.3 Indication of immediate medical attention and special treatment needed**

None known.

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**SECTION 5: Fire fighting measures****5.1 Extinguishing media**

*Suitable extinguishing media*

Use extinguishing measures that are appropriate to local circumstances and the surroundings.

*Unsuitable extinguishing media*

None known.

**5.2 Special hazards arising from the substance or mixture**

Not combustible.

**5.3 Advise for fire fighters**

*Special protective equipment for fire fighters*

In the event of fire, wear self-contained breathing apparatus and protective clothing.

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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

*For non-emergency personnel*

Avoid inhaling of dust. Clear area of personnel.

*For emergency responders*

Protective equipment, see section 8.

**6.2 Environmental precautions**

No special precautionary measures necessary.

**6.3 Methods and materials for containment and cleaning up**

Observe possible material restrictions (see sections 7.2 and 10.5).

Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

**6.4 Reference to other sections**

Indications about waste treatment see section 13.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Observe label precautions.

**7.2 Conditions for safe storage, including any incompatibilities**

Tightly closed. Dry.

**7.3 Specific end uses**

As identified in section 1.2.

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****8.2 Exposure controls**

**Appropriate engineering control**

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

**Individual protection measures**

Protective clothing is specially selected for the workplace and depends on the concentration and quantity of the substance handled.

*Hygiene measures*

Change contaminated clothing. Wash hands after working with substance.

*Eye/face protection*

Safety glasses.

*Hand protection*

Rubber gloves.

*Respiratory protection*

Required when dust is generated.

*Environmental exposure control*

None required.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance	White powder
Form	Free flowing powder
Odour	Odourless
Odour threshold	No information available
pH	No information available
Melting point /freezing point	2,050°C
Boiling point	2,980°C
Flash point	Not applicable
Evaporation rate	No information available
Flammability	Not combustible
Upper/lower flammability limits	No information available
Vapour pressure	No information available
Vapour density	No information available
Relative density	3.5 -4.0 g/cm <sup>3</sup>
Solubility	Insoluble in water
Partition coefficient	No information available
Auto ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available
Explosive properties	Not to be expected
Oxidising properties	Not to be expected

**9.2 Other data**

None

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**SECTION 10: Stability and reactivity****10.1 Reactivity**

See section 10.3

**10.2 Chemical stability**

Under storage at ambient conditions the product is stable.

**10.3 Possibility of hazardous reactions***Exothermic reaction with:*

Halogen-halogen compounds, ethylene oxide, fluorine, hydrogen halides, vinyl acetate

*Risk of explosion with:*

Nitrates, halogen oxides

**10.4 Conditions to avoid**

No information available.

**10.5 Incompatible materials**

No information available.

**10.6 Hazardous decomposition products**

No information available.

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**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Acute toxicity, oral	LD <sub>50</sub> (rat) >5,000 mg/kg (IUCLID)
Acute toxicity, inhalation	Not available
Skin irritation	Not irritant, rabbit..... (IUCLID)
Eye Irritation	Not irritant, rabbit..... (IUCLID)
Carcinogenicity	No evidence for carcinogenicity activity
STOT – single exposure	Not classified as specific target organ toxicant, single exposure
STOT – repeated exposure	Not classified as specific target organ toxicant, repeated exposure
Aspiration hazard	Not available

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**SECTION 12: Ecological information****12.1 Toxicity**

No information available.

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

No information available.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

No information available.

**12.6 Other adverse effects**

No quantitative data available concerning ecological effects. No ecological problems are to be expected when the product is handled and used with due care and attention.

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**SECTION 13: Disposal consideration**

Dispose of contents/containers as hazardous waste in accordance to local regulations.

**SECTION 14: Transport information**

Not classified as dangerous in the meaning of transport regulations.

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Does not apply.

**15.2 Chemical safety assessment**

No chemical safety assessment has been carried out.

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**SECTION 16: Other information**

None.