

## SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

### 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product Name **Aluminium Oxide (uncoated)**  
CAS No. Not applicable.  
EC No. Not applicable.  
REACH Registration No. Not known.

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

Identified Use(s) Abrasive, non-slip additive, etc.  
Uses Advised Against Not known.

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

Manufacturer  
Company Identification **Boud Minerals Ltd**  
Address of Manufacturer **West Bank  
Sutton Bridge  
Lincolnshire  
PE12 9QH  
England**  
Postal code **PE12 9QH**  
Telephone: **01406 351988**  
Fax **01406 350897**  
E-mail **alfie@boud.com**  
Office hours  
Supplier

Company Identification **Boud Minerals Ltd**  
Address of Supplier **West Bank  
Sutton Bridge  
Lincolnshire  
PE12 9QH  
England**  
Postal code **PE12 9QH**  
Telephone: **01406 351988**  
Fax **01406 350897**  
E-mail **alfie@boud.com**  
Office hours

#### 1.4 Emergency telephone number

Emergency Phone No. Not known.  
Contact No information available.

### 2. SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

#### 2.2 Label elements

Product Name According to Regulation (EC) No. 1272/2008 (CLP)  
**Aluminium Oxide (uncoated)**

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Hazard Pictogram(s)

Signal Word(s) None.

Hazard Statement(s) None.

Precautionary Statement(s) None.

### 2.3 Other hazards

None known.

### 2.4 Additional Information

None.

## 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Aluminium Oxide	1344-28-1	215-28-1	>96%	Not classified.	None

## 4. SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if you feel unwell.
Skin Contact	Wash skin with water and soap.
Eye Contact	Flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion	Wash out mouth with water. Do not induce vomiting. Seek medical attention if you feel unwell.

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

None anticipated. Treat symptomatically.

### 4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

## 5. SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None.

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

None anticipated. Heating may cause decomposition.

### 5.3 Advice for firefighters

As appropriate for surrounding fire.

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

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### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

### 6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

### 6.3 Methods and material for containment and cleaning up

Sweep spilled substances into containers if appropriate moisten first to prevent dusting.

### 6.4 Reference to other sections

See Also Section 8, 13.

## 7. SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in Section 16.

Do not eat, drink or smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

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

Storage temperature Ambient.  
Storage life Stable under normal conditions.  
Incompatible materials None known.

### 7.3 Specific end use(s)

Not known.

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Airborne Dust			10			

Region Source  
Europe EU Occupational Exposure Limits  
United Kingdom Workplace Exposure Limits (WEL)

Remark Notes

### 8.2 Exposure controls

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8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Not normally required.



Respiratory protection

In case of prolonged exposure to airborne dust concentrations, wear respiratory protective equipment that complies with the requirements of European or national legislation



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains. Avoid wind dispersal.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Solid.
Colour	White or Brown
Odour	Odourless
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not applicable.
Flash Point	Not applicable.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	3.77g/cm <sup>3</sup> (White), 3.92g/cm <sup>3</sup> (Brown).
Solubility(ies)	Solubility (Water) : None Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.

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Viscosity Not known.  
Explosive properties Not known.  
Oxidising properties Not known.

### 9.2 Other information

None.

## 10. SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

None anticipated.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion Not classified  
Acute toxicity - Skin Contact Not classified  
Acute toxicity - Inhalation Not classified  
Skin corrosion/irritation Non-irritant  
Serious eye damage/irritation Non-irritant  
Skin sensitization data Not classified  
Respiratory sensitization data Not classified  
Germ cell mutagenicity There is no evidence of mutagenic potential.  
Carcinogenicity No evidence of carcinogenicity.  
Reproductive toxicity Not classified  
Lactation Not classified  
STOT - single exposure Not classified  
STOT - repeated exposure Not classified  
Aspiration hazard Not classified

### 11.2 Other information

Not known.

## 12. SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity - Aquatic invertebrates Low toxicity to invertebrates.  
Toxicity - Fish Low toxicity to fish.  
Toxicity - Algae Low toxicity to algae.  
Toxicity - Sediment Compartment Not classified.  
Toxicity - Terrestrial Compartment Not classified.

### 12.2 Persistence and Degradation

Not known.

### 12.3 Bioaccumulative potential

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**12.4 Mobility in soil** Not known.

**12.5 Results of PBT and vPvB assessment** Not known.

**12.6 Other adverse effects** Not known.

### 13. SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods** No special precautions are required for this product.

**13.2 Additional Information** No special precautions are required for this product.

### 14. SECTION 14: TRANSPORT INFORMATION

**Not classified as hazardous for transport.**

### 15. SECTION 15: REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Not listed

Very High Concern for

Authorisation

REACH: ANNEX XIV list of Not listed  
substances subject to  
authorisation

REACH: Annex XVII Restrictions Not listed  
on the manufacture, placing on  
the market and use of certain  
dangerous substances, mixtures  
and articles

Community Rolling Action Plan Not listed  
(CoRAP)

Regulation (EC) N° 850/2004 of Not listed  
the European Parliament and of  
the Council on persistent organic  
pollutants

Regulation (EC) N° 2037/2000 Not listed  
on substances that deplete the  
ozone layer

Regulation (EU) N° 649/2012 of Not listed  
the European Parliament and of  
the Council concerning the export  
and import of hazardous  
chemicals

#### National regulations

Other Not known.

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### 15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

### 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

#### LEGEND

Hazard Pictogram(s)

Hazard Pictogram(s)

Hazard Statement(s) None.

Precautionary Statement(s) None.

#### Acronyms

CAS : Chemical Abstracts Service  
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
DNEL : Derived No Effect Level  
EC : European Community  
EINECS : European Inventory of Existing Commercial Chemical Substances  
LTEL : Long Term Exposure Limit  
PBT : Persistent, Bioaccumulative and Toxic  
PNEC : Predicted No Effect Concentration  
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
STEL : Short Term Exposure Limit  
STOT : Specific Target Organ Toxicity  
vPvB : very Persistent and very Bioaccumulative

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