



SAFETY DATA SHEET

Section 1: Identification

1.1 Product identifier

Product Name: Brown Aluminum Oxide
CAS Number: 1344-28-1

1.2 Details of the supplier of the product information

Supplier: Guyson Corporation of U.S.A.
13 Grande Blvd.
Saratoga Springs, NY 12866
www.guyson.com
info@guyson.com

1.3 Telephone number: 518-587-7894

Section 2: Hazard Identification

2.1 Critical hazards to man and environment. Not Applicable

Section 3: Composition / Information on Ingredients

3.1 Chemical Identity: Aluminum Oxide (Al₂O₃)
CAS No. 1344-28-1

Section 4: First-Aid Measures**4.1 Description of first aid measures**

Inhalation: If dust is inhaled while blasting, move person to fresh air. Seek medical attention if irritation occurs.

Skin contact: No special action required,

Eye contact: If dust gets into eye, rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing until irritation ceases.

Ingestion: No special action required.

Section 5: Fire-Fighting Measures

NOT FLAMMABLE.

5.1 Suitable Extinguishing media

Use extinguishing measures appropriate to the source of the fire.

5.2 Unsuitable Extinguishing media

None known.

5.3 Specific hazard in case of a fire

None known.

5.4 Special protective equipment and precautions for fire fighters

Not applicable

Section 6: Accidental Release Measures**6.1 Personal precautions**

Avoid dust formation. Wear personal protective equipment as outlined in Section 8.

6.2 Environmental precautions

No special measures required.

6.3 Methods and materials for containment and cleaning up

Pick up mechanically and dispose of in accordance with local regulations.

Section 7: Handling and Storage**7.1 Precautions for safe handling**

Avoid dust formation.

7.2 Conditions for safe storage, including any incompatibilities

No special precautionary measures, no known incompatible materials.

SAFETY DATA SHEET**Section 8: Exposure Controls / Personal Protection**

8.1 Information on the system design: Not applicable

Respiratory protection: Avoid inhaling dust. Fine dust mask with category P1 filter
Must be use if fine dust limits are exceeded.

Eye protection: Safety glasses are recommended.

Skin protection: Protective gloves are recommended to
Avoid abrasions.

Section 9: Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

Form:	Grains, powder
Color:	Brown, Gray, Black, White
Odor:	Odorless
pH-Value:	Not applicable
Melting point:	Approx. 2000 °C (
Freezing point:	Not applicable
Flash point:	Not applicable
Evaporation rate:	Not applicable
Flammability:	Not applicable
Exposure limits:	Not applicable
Vapor pressure:	Not applicable
Specific gravity:	(3, 7 - 4, 5) g/cm ³
Bulk Density	(500 - 2500) kg/m ³
Solubility in water:	Practically Insoluble
Auto-Ignition temp	Not applicable
Decomposition temp:	Not applicable

Section 10: Stability and Reactivity**10.1 Chemical stability**

The material is stable, not hazardous.

10.2 Possibility of hazardous reactions

None known

10.3 Conditions to avoid

None known

10.4 Materials to avoid

Not applicable

10.5 Hazardous decomposition products

None known

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Section 11: Toxicological Information

11.1 Information on toxicological effects

No hazardous effects known, if used properly.

Acute Toxicity: None Known

Section 12: Ecological Information

12.1 Persistence and degradability:

Chemically inert and insoluble in water.

Separation by mechanical processes (sedimentation, filtration, etc.)

Behavior in environmental compartments:

No Environmental problems known. No harmful effect on water organisms anticipated.

Section 13: Disposal Considerations

13.1 Waste disposal: Can be stored with domestic waste. Observe local by-laws.

SAFETY DATA SHEET**Section 14: Transport Information**

Land transport:	Non hazardous material
Inland waterways:	Non hazardous material
Maritime transport:	Non hazardous material
Air transport:	Non hazardous material

Section 15: Regulatory Information

15.1 Danger symbol and danger text of the product: None

Section 16: Other information

Preparation Date: 1/02/15

The indications made in this product information are based on the present state of our know-how and experience. The product information describes the unused product in view of safety requirements. The indications do not constitute any guarantee with regard to product and do not create a contractual legal relationship.

All information given above refer to the unused product. As a result of mechanical application changes in the chemical and physical properties could not be excluded. The chemical and physical properties of the waste, strongly depend on the conditions of use. All indications made in this product information concerning composition, dangers, first aid, fire-fighting measures, accidental release measures, handling and storage, exposure control and personal protection, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal information, transport information and regulatory information are only valid for the unused product and not for abrasive waste. It is the responsibility of the user to find out all the necessary information.