



Product: **Activated Bauxite**

FS 4300- 130

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**9. Physical and Chemical Properties**

- **Appearance:** Solid
- **Form:** Angular grains
- **Color:** Reddish
- **Odor:** Odorless
- **PH:** Neutral
- **Melting Point:** Not Applicable
- **Boiling point range and initial boiling point:** Not Applicable
- **Flash Point:** Not-Applicable
- **Flammability:** Product Non-flammable
- **Lower limit / upper flammability or explosion:** Not Applicable
- **Vapor Pressure:** Not Applicable
- **Apparent Density:** 2,84 g/cm<sup>3</sup>
- **Solubility:** Insoluble in water
- **Partition coefficient - n-octane/water:** Not Applicable
- **Temperature Self-Ignition:** Not Applicable
- **Decomposition Temperature:** Not Applicable
- **Viscosity:** Not Applicable
- **Evaporation Rate:** Not Applicable
- **Vapor density:** Not Applicable
- **Loose Density:** 0,96 g/cm<sup>3</sup>
- **Freezing Point:** Not Applicable

**10. Stability and Reactivity**

- **Chemical Stability:** Stable under storage and handling as described in Section 7
- **Reactivity:** not expected to occur
- **Possibility of Hazardous Reactions:** Not Applicable - Conditions to Avoid: Not Applicable
- **Incompatible materials or Substances:** Not expected to occur
- **Hazardous Decomposition Products:** Not Applicable

**11. Toxicological Information**

- **Information in accordance with the different routes of exposure**
- **Acute Toxicity:** Not Applicable
- **Main Symptoms:** Not Applicable
- **Substances that can cause effects**
- **Interaction:** Not Applicable
- **Empowerment:** Not Applicable
- **Chronic Toxicity:** Not Applicable
- **Specific Effects:** Not Applicable
- **Additives:** Not Applicable
- **Synergy:** Not Applicable

**12. Ecological information**

- **Environmental effects, behaviors, and impacts of the product**
- It isn't expected that this product causes environmental problems during handling, application and disposal
- **Ecotoxicity:** It isn't expected that this product presents a danger
- **Persistence and degradability:** Not Applicable
- **Bioaccumulative potential:** Not Applicable
- **Mobility in soil:** Not Applicable
- **Other adverse effects:** Not Applicable

**13 Disposal Considerations**

- **Recommended methods for treatment and disposal apply to:**
- **Product:** It can be arranged usually in big bags, paper bags and plastic, lacking these, use another container provided that support the weight
- **Remainder of products:** Material is inert
- **Used packaging:** If in good condition, can be reused and / or recycled
- For disposal, it must have accordance with the laws federal, state and municipal in validity

**14. Transport Information**

- **National and International regulations**
- **Land:** Product is not dangerous for transport by land, under the conditions required by law
- **Sea:** Product is not dangerous to shipping, under the conditions required by law
- **Air:** Product is not dangerous for air transport under the conditions required by law

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**15. Regulatory Information**
**- Export and Import of Dangerous Chemicals (Regulation (EC) N°689/2008 Information:**

This substance is not listed in the Annex I of Regulation (EC) N° 680/2008

**- European Priority Lists and Risk Assessment (Council Regulation (EEC) N° 793/93 Information:**

This substance is not listed in a priority list (as foreseen under Council Regulation (EEC) N° 793/93 on the evaluation and control of the risks of existing substances)

**16. Other Information**

The information, which is contained in this document, is based upon available data and is believed to be correct. However, as such as it has been obtained from various sources, including the manufacturer and independent laboratories, it is given without warranty or representation that is complete, accurate and that it can be relied on. Mineração Curimbaba Ltda. has not attempted to conceal in any way the deleterious aspects of the product listed herein, but makes no warranty as to such. Further, as Mineração Curimbaba Ltda. cannot anticipate nor control the many situations in which our customer may use the listed product or this information, there is no guarantee that the health and safety precautions suggested would be proper under all conditions. It is sole responsibility of each user of the listed product to determine and comply with the requirements of all applicable laws and regulations regarding its use or disposal. This information is given solely for the purposes of health and safety to persons and property. Any other use of this information is expressly prohibited. Health, safety and environment department, Mineração Curimbaba Ltda.

**- Important information but not specifically described in the previous sections:**

- Requires no special procedures for sampling
- Not recommended for use in foods, pharmaceuticals and cosmetics production
- The information and recommendations found here are applied only to this product, not combined with any other material.
- Failure to release the above information Curimbaba Mining responsibility for the misuse of the product
- All figures expressed in this document are typical values and can occur variations
- The data given are based on the current state of our knowledge
- It is buyer's responsibility before using any product, verify the data on operating conditions and determine if the product is appropriate for your purposes.

**- Bibliography:**

- IUCALID Data Set of Bauxite (Al<sub>2</sub>O<sub>3</sub>.xH<sub>2</sub>O), calcined
- ESIS Data Sheet: Result for EC#: 296-578-9

**- Table of Abbreviations:**

- **CAS:** Chemical Abstract Service
- **EINECS:** European Inventory of Existing Commercial chemical Substances
- **HMIS:** Hazardous Materials Identification System
- **MAK (DE):** Der MAK-Wert
- **SDS:** Safety Data Sheet
- **cm<sup>3</sup>:** Centimeter cubic
- **g:** Gram
- **mg:** milligram
- **°C:** Centigrade
- **°F:** Fahrenheit

**- REACH - Only Representative:**

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