



## Safety Data Sheet: Bauxite Ore

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER	
Revision Date	January 2, 2019.
Product Name	Bauxite Ore.
Registration Number	NA.
Synonyms	Gibbsite; Boehmite; Diaspore; Porocel; Laterite.
Supplier	First Bauxite LLC.
Registered Address	1400 Sixteenth St., Suite 200, Denver, Colorado 80202
Telephone Number	+592-223-4396 (Guyana Office).
Emergency Telephone Number	+592-223-4396 (Guyana Office).

2. HAZARDS IDENTIFICATION	
Appearance	Grey to light brown lumps and granules.
Flammability	Not flammable.
Lab Protective Equipment	Protective gloves and eye protection.
Environmental Hazards	Not classified as hazardous to the environment.
Potential Health Effects	
Eyes	May cause eye irritation – mechanical irritation.
Ingestion	Ingestion of large amounts may cause gastrointestinal irritation.
Inhalation	May cause irritation as a nuisance dust.
Skin	Prolonged contact with skin may cause irritation.
Main Symptoms	Exposure to dust may cause irritation of eyes, nose throat and mucous membranes. Prolonged contact with skin may cause irritation. Small amounts of respirable dust may be formed from transport or conveyance. Prolonged inhalation of insoluble, respirable (less than 10 microns) dusts can lead to pulmonary damage. Use of this product as intended does not result in exposure to dust. Use standard hygienic practices to minimise exposure to dusts that may form.

3. COMPOSITION/INFORMATION ON INGREDIENTS	
CAS Number 1318-16-7	A naturally occurring mineral.



#### 4. FIRST AID MEASURES

Eyes	Rinse immediately with plenty of water, including under the eyelids for at least 15 minutes. Get medical attention if irritation or symptoms persist.
Ingestion	Rinse mouth. Do not induce vomiting. Get medical attention if irritation or symptoms persist.
Inhalation	Remove to fresh air. Get medical attention if irritation or symptoms persist.
Skin	Wash with soap and water. Get medical attention if irritation or symptoms persist.

#### 5. FIRE FIGHTING MEASURES

Fire	This product is not flammable.
Explosion	NA.
Fire Extinguishing Media	NA.
Special Information	NA.

#### 6. ACCIDENTAL RELEASE MEASURES

For Non-Emergency Personnel	Avoid dust formation. Wear suitable protective clothing. Avoid contact with skin and eyes.
For Emergency Personnel	Use personal protective equipment (PPE) recommended in section 8 of the Safety Data Sheet.
Environmental Precaution	None known.

#### 7. HANDLING AND STORAGE

Precautions for Safe Handling	Avoid dust formation. Avoid breathing dust. Observe good industrial hygiene practices. Spilled material can reduce traction and may present a slip hazard.
Conditions for Safe Storage Including any Incompatible Chemicals	Keep container tightly closed. Store in accordance with local, regional, national and international regulations.
Specific End Use(s)	Industrial use in production of ceramic industrial minerals.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	CAS Number 1318-16-7. A naturally occurring mineral (a group of aluminium oxides). Consult local authorities for acceptable exposure limits.
Engineering Controls	Minimise generation of dust.
PPE	PPE should be chosen according to applicable standards.
Eye Protection	Wear safety glasses.
Skin Protection	Wear protective gloves.
Respiratory Protection	Wear respiratory equipment if ventilation inadequate.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Free flowing solid lumps and granules.
Auto Ignition Temperature	NA.
Decomposition Temperature	NA.
Evaporation Rate	NA.
Explosive Limits	NA.
Flammability	NA.
Flammability Limits	NA.
Flash Point	NA.
Freezing Point	NA.
Initial Boiling Point/Range	NA.
Melting Point	4,000°F; 2,204°C (estimated).
Odour	Odourless.
Odour Threshold	NA.
Partition Coefficient	NA.
pH	NA
Relative Density (SG)	2.0-2.6.
Solubility	Insoluble in water.
Vapour Density	NA.
Vapour Pressure	NA.
Viscosity	NA.
Volatile by Volume (%)	0



<b>10. STABILITY AND REACTIVITY</b>	
Reactivity	Stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Stable under normal conditions of use, storage and transport.
Hazardous Polymerisation	NA.
Conditions to be Avoided	NA.
Incompatible Materials	Strong oxidisers.
Hazardous Decomposition	NA.

<b>11. TOXICOLOGICAL INFORMATION</b>	
Likely Routes of Exposure Eyes Ingestion Inhalation Skin	May cause eye irritation – mechanical irritation. Ingestion of large amounts may cause gastrointestinal irritation. May cause irritation as a nuisance dust. Prolonged contact with skin may cause irritation.
LC50	NA.
LD50	NA.
NTP	Not listed in the National Toxicological Report on Carcinogens.
IARC	Not found to be a potential carcinogen in the International Agency for Research on Cancer Monographs
OSHA	Not found to be a carcinogen by OSHA.

<b>12. ECOLOGICAL INFORMATION</b>	
Ecotoxicity	Not expected to be toxic to the environment.
Persistence and Degradability	Not bio-degradable with low solubility in water and not expected to decompose in the environment.
Bioaccumulative Potential	Not bio-degradable with low solubility in water and not expected to accumulate in the environment.
Mobility	NA.

<b>13. DISPOSAL INFORMATION</b>	
Waste	Dispose in accordance with applicable regulations.



<b>14. TRANSPORT INFORMATION</b>	
Road and Rail Transport	Not applicable, not regulated as hazardous for transport
Marine Transport	Not applicable, not regulated as hazardous for transport
Air Transport	Not applicable, not regulated as hazardous for transport

<b>15. REGULATORY INFORMATION</b>	
TSCA	Not hazardous.
CERCLA	Not listed
SARA Title III	Not listed.
311/312 Hazard Categories	Not hazardous.
313 Reportable Ingredients	NA.

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