



SAFETY DATA SHEET

Bone Ash, Natural

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 7001000010
Product Name: Bone Ash, Natural
Trade Name: Aluminum Grade Bone Ash
Company Name: REMET CORPORATION
 210 Commons Road
 Utica, NY 13502-6395
Phone Number: (315)797-8700
Web site address: www.remet.com
Email address: qc@remet.com
Emergency Contact: CHEMTREC (800)424-9300

2. HAZARDS IDENTIFICATION

GHS Hazard Phrases: No phrases apply.
GHS Precaution Phrases: P261 - Avoid breathing dust. P202 - Do not handle until all safety precautions have been read and understood.
GHS Response Phrases: No phrases apply.
GHS Storage and Disposal Phrases: No phrases apply.
Potential Health Effects (Acute and Chronic):
Inhalation: May cause respiratory tract irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
68439-86-1	Bone, ash	100.0 %

4. FIRST AID MEASURES

Emergency and First Aid Procedures:
In Case of Inhalation: Remove person to fresh air and keep comfortable for breathing. Administer oxygen if breathing is difficult. Seek medical attention.
In Case of Skin Contact: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
In Case of Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.
In Case of Ingestion: Seek medical attention.



5. FIRE FIGHTING MEASURES

Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: Oxides of phosphorus and calcium.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Avoid breathing dust. For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For personal protection see section 8.

Environmental Precautions: Avoid release to the environment. Do not let product enter drains. Dispose of in accordance with appropriate Federal, State and local regulations or incinerate.

Steps To Be Taken In Case Material Is Released Or Spilled: Keep substance damp using water spray. Sweep up, then place into a suitable container for disposal. Avoid raising dust.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Keep away from heat, sparks, and open flame. Minimize dust generation and accumulation. Use only with adequate ventilation. This material is highly hygroscopic.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep container tightly closed in a dry and well-ventilated place.

Other Precautions: Wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68439-86-1	Bone, ash	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Avoid breathing dust. For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator.

Eye Protection: Wear chemical splash goggles. Eye wash station in work area.

Protective Gloves: Wear appropriate gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to minimize contact with skin.

Engineering Controls (Ventilation etc.): Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Work/Hygienic/Maintenance Practices: DO NOT use compressed air or dry sweeping to remove dust from work area. Handle in accordance with good industrial hygiene and safety practice.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas	[] Liquid	[X] Solid
Appearance and Odor:	White powder.		
pH:	No data.		
Melting Point:	No data.		
Boiling Point:	No data.		
Flash Pt:	No data.		
Evaporation Rate:	No data.		
Flammability (solid, gas):	No data available.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	No data.		
Specific Gravity (Water = 1):	3.11		
Solubility in Water:	No data.		
Solubility Notes:	Insoluble in cold water.		
Octanol/Water Partition Coefficient:	No data.		
Autoignition Pt:	No data.		
Decomposition Temperature:	No data.		
Viscosity:	No data.		

10. STABILITY AND REACTIVITY

Reactivity:	Aqueous solutions of calcium phosphate tribasic can liberate explosive hydrogen gas if in contact with reactive metals (aluminium, iron, zinc).		
Stability:	Unstable []	Stable [X]	
Conditions To Avoid - Instability:	Heat, flames and sparks.		
Incompatibility - Materials To Avoid:	No data available.		
Hazardous Decomposition or Byproducts:	No data available.		
Possibility of Hazardous Reactions:	Will occur []	Will not occur [X]	
Conditions To Avoid - Hazardous Reactions:	No data available.		



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11. TOXICOLOGICAL INFORMATION

Toxicological Information: May be harmful by inhalation, ingestion, or skin absorption.

Irritation or Corrosion: May cause skin irritation.
Moderate irritation effect.

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68439-86-1	Bone, ash	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Observe all federal, state, and local environmental regulations. Dispose of in accordance with appropriate Federal, State and local regulations or incinerate.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

UN Number:

Hazard Class:

TDG Classification:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68439-86-1	Bone, ash	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

[] Yes [X] No	Acute (immediate) Health Hazard
[] Yes [X] No	Chronic (delayed) Health Hazard
[] Yes [X] No	Fire Hazard
[] Yes [X] No	Sudden Release of Pressure Hazard
[] Yes [X] No	Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68439-86-1	Bone, ash	TSCA: Yes - Inventory CA PROP.65: No CA TAC, Title 8: No MA Oil/HazMat: No NJ EHS: No NY Part 597: No



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Revision: 03/31/2016
Supersedes Revision: 03/31/2016

		PA HSL: No
CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
68439-86-1	Bone, ash	Canadian NDSL: No Japan ENCS: No Japan ISHL: No Korea ECL: Yes - KE-03476 Taiwan TCSCA: Yes Germany WHCS: No REACH: Yes - (P)

16. OTHER INFORMATION

Revision Date: 03/31/2016

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.