

Kastkote 200

Revision Date August 17, 2016

1. Product and Company Identification

Product Information	
Trade Name	Kastkote 200
Product Description	Water-based bone ash coating
Recommended Uses	Mold release coating
Company	Southwestern Graphite, Inc. (a division of Asbury Carbons Inc.) 2564 Highway 12 DeQuincy, LA 70633
Emergency Telephone	US: 1-800-255-3924; International: +01-813-248-0585; China: 400-120-0751; Brazil: 0-800-591-6042; India: 000-800-100-4086; Mexico: 01-800-099-0731 ChemTel contract number: MIS0001931 (collect calls accepted)
Information Phone	1-908-537-2155
Website	www.asbury.com

2. Hazards Identification

Classification	Not a hazardous substance
Labeling	Not a hazardous substance, no label elements are required

3. Composition / Information on Ingredients

Components	CAS No.	EINECS No.	Weight %	Hazard Statement(s)
Water	7732-18-5	231-791-2	80-90%	---
Bone Ash	68439-86-1	270-423-5	10-20%	---

4. First Aid Measures

Inhalation	Remove patient to particulate-free environment. Wear approved dust mask to avoid breathing dust. Seek medical attention if irritation persists.
Skin Contact	Wash with mild soap and warm water.
Eye contact	Rinse with tepid water until eyes are clear of particulates. Seek medical attention if irritation persists.
Ingestion	Get immediate medical attention. Do not induce vomiting unless directed by medical personnel.

5. Fire Fighting Measures

Extinguishing media	Water fog or spray, or extinguishing media appropriate for surrounding fire.
Special fire hazards	Exposure to flames causes material to smolder like charcoal.
Products of Combustion	Carbon dioxide (CO ₂), carbon monoxide (CO).
Advice for Fire Fighters	Use self contained air pack, gloves, safety goggles
NFP Rating	110

6. Accidental Release Measures

Personal precautions	Wear approved dust mask, safety goggles, and water-proof work gloves.
Environmental precautions	Follow good housekeeping practices. Spilled material should be cleaned up and disposed of in an appropriate manner.
Methods for cleaning up	Contain spillage, and then collect with non-combustible absorbent material. Place in suitable, closed containers for disposal.

7. Handling and Storage

Precautions for safe handling	Keep material from strong acids, as the material will decompose with contact. Keep containers closed when not in use. Loosen closures slowly.
Fire and explosion	No special instructions - material is not combustible.

protection	
Storage precautions	Protect from freezing. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/ Personal Protection

Ingredients with control parameters / occupational exposure limits			
Component	CAS No.	TWA	Control Reference
Water	7732-18-5	---	---
Bone Ash	68439-86-1	10.0 mg/m ³	Inhalable particles not otherwise specified, ACGIH
Engineering controls	Use adequate dust collection to maintain dust levels below the control or recommended values.		
Respiratory Protection	Use approved dust mask, type N95 recommended.		
Eye Protection	Safety glasses with side shields or goggles.		
Skin Protection	Conventional work gloves and clothing.		
Hygiene measures	Graphite spilled on pedestrian surfaces may pose a significant slip hazard.		

9. Physical and Chemical Properties

Appearance	White to gray liquid	Lower explosion limit	n/a
Odor	Mild	Upper explosion limit	n/a
pH	10.5 – 11.2	Vapor pressure	As water
Freezing point	32°F (0°C)	Vapor density	As water
Boiling range	212°F (100°C)	Water solubility	Dispersible
Flash point	n/a	Partition coefficient: n-octanol/water	No data available
Evaporation rate	As water	Autoignition temperature	No data available
Specific gravity	1.13 g/ml	% volatile by weight	83%

10. Stability and Reactivity

Chemical stability	Stable. Will not polymerize or self react spontaneously.
Possibility of hazardous reactions	None known
Conditions to avoid	No further relevant information available.
Materials to avoid	Oxidizing agents, strong acids can decompose the material.
Hazardous decomposition products	Carbon dioxide (CO ₂), carbon monoxide (CO), calcium oxide (CaO)

11. Toxicological Information

Acute toxicity	No specific health effects are known to occur with the material. No documented cases of industrial illnesses from exposure to the material. Prolonged inhalation of high concentrations may lead to a deposition of tricalcium phosphate crystals in lung tissue. Oral LD50: >5000mg/Kg (Rat)
Skin corrosion/irritation	Non Irritant (Rabbit)
Eye damage/irritation	Non Irritant (Rabbit)
Respiratory or skin sensitization	Non Sensitizer (Guinea Pig)
Mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration toxicity	Not classified.

12. Ecological Information

Persistence and degradability	No further relevant information available.
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Bioaccumulation potential	No further relevant information available.
Mobility	No further relevant information available.
Aquatic Toxicity	No further relevant information available.

13. Disposal Considerations

Material Disposal	Dispose of in a manner which conforms to local, state and Federal regulations. Material is non-hazardous but disposal should be handled in a responsible matter.
Packaging Disposal	Packaging should be completely emptied of contents and disposed of in a manner specified by the recycler/regional disposal contractor.

14. Transport Information

UN number	Not regulated
Proper shipping name	n/a
Transport hazard class	n/a
Packing group	n/a
Marine pollutant?	No

15. Regulatory Information

SARA (311/312) Hazard Classifications	None
SARA (313) Toxic Release Inventory:	This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

16. Other Information

The information contained herein is accurate to the best of our knowledge. Asbury Carbons makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.		
NFPA Classification	Health Hazard:	1
	Fire Hazard:	1
	Reactivity Hazard:	0