

Material Safety Data Sheet

"For Mixture (Charcoal for bottom sediment/water quality purification)"

Reference No. CM-2011

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Manufacturer Information	
Company Name	Hinomaru Carbo Techno Co., Ltd.
Address	2427-1 Odakoumachi, Miyoshi-city, Hiroshima
Contact Division	Engineering Department
Telephone No.	0824-66-1346
Facsimile No.	0820-66-2396
Emergency	0824-66-1346
Characteristics of Product	
Product Name	Chelate Marine
Briefing of Product	Charcoal for bottom sediment /water quality purification
Main use	For bottom sediment / water quality purification
Characteristics of Substance	
Ingredient	C(34.01%) Al(0.50%) Fe(32.50%) Cl(0.29%) O(29.32%) K(0.27%) Si(1.73%) Na(0.26%) Ca(0.86%) Mn(0.26%)
Summary of Danger or Toxicity	
Classified of danger or toxicity : Not corresponding	
Summary of danger or toxicity : No information for danger or toxicity	
Exposure Preventing and Protection	
◎Equipment for countermeasure Not necessary to countermeasure of equipment in particularly.	
◎Protect for respiratory system Under closing location, wear an organic gas mask and fix enough ventilating device.	
◎Protect for eye Wear protecting glass	
◎Protect for skin Wear the glove which is using the material no penetration of an organic solvent.	
Danger Information	
Characteristics of Product	Flash point : No Ignition point : No
Chemical Stability and Reactivity	
Chemical Stability	Hazardous material by contact : oxidizer
Chemical Reactivity	No reactivity under normal using.
Hazardous Information	No other hazardous information.
Toxicological Information	
No toxicological information for this product.	
Ecological Information	
Handle with care in the case of leaking or disposal.	
Attention for Disposal and Transportation	
Disposing of waste by authorized waste industry on signed on trust.	
Common : Follow the way of clause which indicating care of handling and storage.	
Land transport	No regulated
Maritime transport	No regulated
Air transport	No regulated
UN Number	No

Applicable law	
Industrial Safety and Health Act	No applicable for Ordinance on prevention of organic Solvent poisoning and measure for preventing the Dangers or health impairment of workers.
The fire Services Act.	No applicable
Ship safety Act.	No applicable
First aid measures	
Eye contact	Flush with plenty of clean water more than 15 minutes at once. and seek immediate medical attention.
Attach to the skin	Wipe and Wash by water and soap or cleaner for skin deeply. In the case of appearance changed or pain, seek immediate medical attention.
Inhale	In the case of inhaled a lot and became ill, Take a rest under clean air. Even not recover, seek medical attention.
Ingestion	When get it over in accidentally, Take a rest and seek immediate medical attention.
Fire Fighting Measures	
Adaptable fire fighting agen	Mist of Water (O) / Carbon Dioxide (O) / Foam (O) / Powder (O) / Dry Sand (O) / Others ()
The way of fire fighting	Not to use straight stream of water at fire fighting. Wear the suitable protect suit (Heat Resistance wear). Remove combustible materials around there. To use matched fire fighting agent with fire. To fire fighting works from the windward.
Leaking Measures	
Attention for handling worker	No special measures necessary.
Attention for environmental effect	No special measures necessary.
When handling it, fix at suitable protector.	
When the disposal the waste or wear. Dealing with the connecting regulation	
Attention for handling / storage	
<Attention for handling >	
To wear protection glass, glove for avoid eye, skin contacts depends on the situation.	
<Attention for storage >	
The goods should not be exposed to direct sunlight.	
Recommended storage 's temperature is between 5 - 40 centigrade degree,	
Not to stock at outside to avoid huge temperature's changing.	
Others	

Issued by	
	河尻義孝
Company Name	Hinomaru Carbo Techno Co., Ltd.
Address	2427-1 Otakou machi, Miyoshi city, Hiroshima
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Facsimile No.	0824-66-2396