

SAFETY DATA SHEET

Section 1

Identification

Product Identifier MetalZorb[®] SPONGE (TYPE M)
Product code FS-M

Manufacturer CleanWay Environmental Partners, Inc.
5410 NE 109th St. Portland OR 97220
Phone: 800-723-1373
Emergency Phone: 503-280-5102
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Recommended Use Used as an absorptive medium for removal and recovery of metals from stormwater, wastewater and process water.

Restrictions on Use Not for consumption. Do not ingest.

Section 2

Hazard Identification

Fire and Explosion Hazards: None if product is maintained in the wet state. If inadvertently dried, the dry material has a flash point in excess of 400 degrees F, and an auto ignition point in excess of 400 degrees F.

Once ignited, fumes may be produced similar to the burning of wood or paper but with additional substances such as NO_x, methyl amine and ammonia.

Required label elements None

Section 3

Composition/information on ingredients

An open-celled sponge of regenerated cellulose containing sufficient water to maintain softness and compressibility, and containing a physically bound proprietary aliphatic polyamine/polyamide polymer whose approximate elemental composition is 54% C, 7% H, 18% O, 21% N.

Product Ingredients: Water Content about 50%, Dry Weight Content about 50%

Composition of Dry Weight Content:	<u>(% by weight)</u>
Regenerated cellulose (CAS-9004-34-6)	42%
Proprietary polymer	57.7%
Oxidative degradation products of aliphatic amine	0.3%

Section 4

First-aid measures

Health Hazards: Long term contact with skin can cause dermatitis.

Inhalation of amine odor over long periods may produce transitory upper-respiratory irritation and may aggravate pre-existing upper-respiratory and lung disease such as, but not limited to bronchitis, emphysema and asthma.

Section 5

Fire-fighting measures

Class A fire – extinguish with water. Avoid fumes.

Section 6

Accidental release measures

Procedures for a spill
Disposal Procedure

Sweep or vacuum clean.

The sponge can be compressed with drying and adhesive to form compact boards. Dispose of the boards in accordance with all applicable federal, state and local environmental regulations. The product biodegrades in landfill disposal and can also be incinerated.

Section 7

Handling and storage

If inadvertently dried, the sponge will swell considerably upon re-wetting. This could cause considerable expansive force which might rupture a closely confining container.

Section 8

Exposure controls/personal protection

Gloves
Ventilation
Respiratory Protection

Thin rubber or PVC gloves are recommended to minimize prolonged skin contact.

Use general or local exhaust ventilation to remove odors.

None required where adequate ventilation conditions exist. Where odors persist, use of a canister-type mask using activated carbon is advised.

Section 9**Physical and chemical properties**

Appearance and Odor	Soft amber cubes of sponge, slight amine odor
Boiling Point	N/A
Vapor Pressure	Typical of H ₂ O
Water Solubility	0.3% of dry weight with initial rinse
Vapor Density	N/A
Evaporation Rate	Typical of H ₂ O until dryness occurs
Specific Gravity	1.18
Melting Point	N/A

Section 10**Stability and reactivity**

Stability	Very stable, subject to mold and mildew on long standing in air
Incompatibility	(materials to avoid) concentrated strong oxidizing agents
Hazardous Decomposition Products	Fumes from burning with incomplete combustion: CO, aliphatic amine, NOx

Section 11**Toxicological information**

Non-toxic. No known effects.
Do not ingest.

Section 16**Other information**

Date of last revision: June 2015

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As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.