

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** Eco-Bug  
**Version #** 01  
**Revision date** 11-20-2010  
**Product code** FG4870108, FG4870109  
**Product use** For use in urinals.  
**Manufacturer information** Rubbermaid Commercial Products LLC  
3124 Valley Avenue  
Winchester, VA 22601-2694  
Telephone number: (540) 667-8700  
24-Hour Emergency: INFOTRAC: 1-800-535-5053

## 2. Hazards Identification

**Physical state** Solid.  
**Appearance** Solid green block.  
**Emergency overview** This is a consumer care product that is safe for consumers when used according to the label directions.  
  
Potential hazards that may occur if product is not used according to the consumer label are as follows: Direct contact with the eye may cause irritation.  
**OSHA regulatory status** This product is not hazardous according to OSHA 29CFR 1910.1200.  
**Potential health effects**  
**Eyes** May cause eye irritation.  
**Skin** Health injuries are not known or expected under normal use.  
**Inhalation** Not applicable.  
**Ingestion** No harmful effects expected in amounts likely to be ingested by accident.  
**Potential environmental effects** Not expected to be harmful to aquatic organisms.

## 3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

**Composition comments** This product contains bacterial cultures of naturally occurring soil type organisms.

## 4. First Aid Measures

### First aid procedures

**Eye contact** Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if symptoms persist.  
**Skin contact** Not applicable.  
**Inhalation** Not applicable.  
**Ingestion** Seek medical advice.

## 5. Fire Fighting Measures

**Flammable properties** None known.  
**Extinguishing media**  
**Suitable extinguishing media** Water fog. Alcohol foam. Carbon dioxide (CO2). Dry chemical.  
**Fire fighting equipment/instructions** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.  
**Hazardous combustion products** Carbon oxides. Sulfur oxides. Nitrogen oxides.

## 6. Accidental Release Measures

**Methods for cleaning up** No special requirements.

## 7. Handling and Storage

<b>Handling</b>	Observe good industrial hygiene practices.
<b>Storage</b>	Store between 0°C and 40°C for product viability only. For long-term storage of unprotected product keep humidity less than 40% to maintain product viability. Keep out of reach of children.

## 8. Exposure Controls / Personal Protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Engineering controls</b>	No special requirements under ordinary conditions of use and with adequate ventilation.
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	No protection is ordinarily required under normal conditions of use.
<b>Skin protection</b>	No protection is ordinarily required under normal conditions of use.
<b>Respiratory protection</b>	No protection is ordinarily required under normal conditions of use.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Solid green block.
<b>Color</b>	Green.
<b>Odor</b>	Citrus
<b>Odor threshold</b>	Not available.
<b>Physical state</b>	Solid.
<b>Form</b>	Solid block.
<b>pH</b>	Not available.
<b>Melting point</b>	123.8 - 127.4 °F (51 - 53 °C)
<b>Freezing point</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Specific gravity</b>	Not available.
<b>Solubility (water)</b>	Dissolves.
<b>Partition coefficient (n-octanol/water)</b>	No data available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids. Strong bases.
<b>Hazardous decomposition products</b>	Carbon oxides. Sodium oxides. Sulfur oxides.
<b>Possibility of hazardous reactions</b>	Will not occur.

## 11. Toxicological Information

<b>Acute effects</b>	May cause eye irritation on direct contact.
<b>Sensitization</b>	None known.
<b>Chronic effects</b>	None known.

**Carcinogenicity** None known.

## 12. Ecological Information

**Ecotoxicity** Not expected to be harmful to aquatic organisms.

**Persistence and degradability** Biodegradable.

**Bioaccumulation / Accumulation** No data available.

**Partition coefficient (n-octanol/water)** No data available.

**Mobility in environmental media** Disperses in water.

## 13. Disposal Considerations

**Disposal instructions** Collect in marked containers and deliver to approved depot.

**Waste from residues / unused products** Dispose of waste and residues in accordance with local authority requirements.

**Contaminated packaging** Since emptied containers retain product residue, follow label warnings even after container is emptied.

## 14. Transport Information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### TDG

Not regulated as dangerous goods.

## 15. Regulatory Information

**US federal regulations** This product is not hazardous according to OSHA 29CFR 1910.1200. This material is not listed on the US TSCA 8(b) Inventory, therefore it may only be used for TSCA Exempt purposes such as R&D or Food, Drug or Cosmetic use.

### CERCLA (Superfund) reportable quantity (lbs)

None

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

**Drug Enforcement Agency (DEA)** Not controlled

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**WHMIS status** Exempt

### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No

Country(s) or region	Inventory name	On inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other Information

### Further information

HMIS® is a registered trade and service mark of the NPCA.

### HMIS® ratings

Health: 1  
 Flammability: 1  
 Physical hazard: 0

### NFPA ratings

Health: 1  
 Flammability: 1  
 Instability: 0

### Disclaimer

To the best of our knowledge, the information contained herein is accurate. However no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability to assure proper use, disposal, and safety of these materials.

### Issue date

11-20-2010