



# Safety Data Sheet

Issue Date: 24-Apr-2025

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Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** Eco Pods Floor Cleaner Neutralizer

### Other means of identification

**SDS #** BE-6334

### Recommended use of the chemical and restrictions on use

**Recommended Use** Floor Cleaner / Neutralizer.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Buckeye International, Inc.  
2700 Wagner Place  
Maryland Heights, MO 63043 USA  
Phone: 1-314-291-1900

### Emergency telephone number

**Emergency Telephone** Transportation - INFOTRAC 1-352-323-3500 (International)  
-800-535-5053 (North America) - (International) 1-651-632-8956 (North America) 1-800-303-0441

## 2. HAZARDS IDENTIFICATION

**Appearance** According to product specification

**Odor** Sparkling lime

### Classification

|                                   |             |
|-----------------------------------|-------------|
| Skin corrosion/irritation         | Category 2  |
| Serious eye damage/eye irritation | Category 1  |
| Skin sensitization                | Category 1  |
| Reproductive toxicity             | Category 1B |

### Signal word

**Danger**

### Hazard statements

Causes skin irritation  
Causes serious eye damage  
May cause an allergic skin reaction  
May damage fertility or the unborn child

**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wear protective gloves/clothing and eye/face protection  
Wash face, hands and any exposed skin thoroughly after handling  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing must not be allowed out of the workplace

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor  
IF ON SKIN: Wash with plenty of water and soap  
Take off contaminated clothing and wash it before reuse  
If skin irritation or rash occurs: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Mixture**

| Chemical name   | CAS No.  | Weight-% |
|-----------------|----------|----------|
| Hexylene glycol | 107-41-5 | 60-80    |
| Glycerol        | 56-81-5  | 5-10     |
| Citric Acid     | 77-92-9  | 1-5      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST AID MEASURES****Description of first aid measures**

|                       |                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment.                                                                                                                       |
| <b>Eye Contact</b>    | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. |
| <b>Skin Contact</b>   | Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.              |
| <b>Inhalation</b>     | Remove to fresh air.                                                                                                                                                       |
| <b>Ingestion</b>      | Clean mouth with water and drink afterwards plenty of water.                                                                                                               |

**Most important symptoms and effects, both acute and delayed**

|                 |                                                                                                                      |
|-----------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Symptoms</b> | Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May be harmful if swallowed. |
|-----------------|----------------------------------------------------------------------------------------------------------------------|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**Protective equipment and precautions for firefighters**

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

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

|                             |                                                |
|-----------------------------|------------------------------------------------|
| <b>Personal Precautions</b> | Use personal protective equipment as required. |
|-----------------------------|------------------------------------------------|

**Environmental precautions**

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| <b>Environmental precautions</b> | See Section 12 for additional Ecological Information. |
|----------------------------------|-------------------------------------------------------|

**Methods and material for containment and cleaning up**

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so. |
|--------------------------------|-------------------------------------------------------|

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| <b>Methods for Clean-Up</b> | Keep in suitable, closed containers for disposal. |
|-----------------------------|---------------------------------------------------|

**7. HANDLING AND STORAGE****Precautions for safe handling**

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing and eye/face protection. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Conditions for safe storage, including any incompatibilities**

|                           |                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------|
| <b>Storage Conditions</b> | Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. |
|---------------------------|-------------------------------------------------------------------------------------------|

|                               |                                           |
|-------------------------------|-------------------------------------------|
| <b>Incompatible Materials</b> | None known based on information supplied. |
|-------------------------------|-------------------------------------------|

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical name               | ACGIH TLV                                                                                                                          | OSHA PEL                                                                                                                                                                                                                               | NIOSH                                             |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Hexylene glycol<br>107-41-5 | STEL: 50 ppm vapor fraction<br>STEL: 10 mg/m <sup>3</sup> inhalable particulate matter, aerosol only<br>TWA: 25 ppm vapor fraction | -                                                                                                                                                                                                                                      | Ceiling: 25 ppm<br>Ceiling: 125 mg/m <sup>3</sup> |
| Glycerol<br>56-81-5         | -                                                                                                                                  | TWA: 15 mg/m <sup>3</sup> mist, total particulate<br>TWA: 5 mg/m <sup>3</sup> mist, respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate<br>(vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction | -                                                 |
| Citric Acid<br>77-92-9      | -                                                                                                                                  | 15 mg / m3 (Total)                                                                                                                                                                                                                     | -                                                 |

### Appropriate engineering controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Wear eye/face protection. Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                                    |                       |                |
|-----------------------|------------------------------------|-----------------------|----------------|
| <b>Physical state</b> | No information available           | <b>Odor</b>           | Sparkling lime |
| <b>Appearance</b>     | According to product specification | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | According to product specification |                       |                |

| <u>Property</u>                                | <u>Values</u>     | <u>Remarks • Method</u> |
|------------------------------------------------|-------------------|-------------------------|
| <b>pH</b>                                      | No data available |                         |
| <b>Melting point / freezing point</b>          | No data available |                         |
| <b>Initial boiling point and boiling range</b> | No data available |                         |
| <b>Flash point</b>                             | No data available |                         |
| <b>Evaporation rate</b>                        | Not determined    |                         |
| <b>Flammability (Solid, Gas)</b>               | Not determined    |                         |
| <b>Flammability Limit in Air</b>               |                   |                         |
| <b>Upper flammability or explosive limits</b>  | No data available |                         |
| <b>Lower flammability or explosive limits</b>  | No data available |                         |
| <b>Vapor Pressure</b>                          | Not determined    |                         |
| <b>Relative vapor density</b>                  | No data available |                         |
| <b>Relative Density</b>                        | Not determined    |                         |

|                                     |                   |
|-------------------------------------|-------------------|
| <b>Water Solubility</b>             | Not determined    |
| <b>Solubility in other solvents</b> | Not determined    |
| <b>Partition Coefficient</b>        | Not determined    |
| <b>Autoignition temperature</b>     | No data available |
| <b>Decomposition temperature</b>    | Not determined    |
| <b>Kinematic viscosity</b>          | Not determined    |
| <b>Dynamic viscosity</b>            | Not determined    |
| <b>Explosive Properties</b>         | Not determined    |
| <b>Oxidizing Properties</b>         | Not determined    |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |                              |
|---------------------|------------------------------|
| <b>Eye Contact</b>  | Avoid contact with eyes.     |
| <b>Skin Contact</b> | Avoid contact with skin.     |
| <b>Inhalation</b>   | Do not inhale.               |
| <b>Ingestion</b>    | May be harmful if swallowed. |

### Component Information

| Chemical name                                         | Oral LD50             | Dermal LD50              | Inhalation LC50                     |
|-------------------------------------------------------|-----------------------|--------------------------|-------------------------------------|
| Hexylene glycol<br>107-41-5                           | = 3700 mg/kg ( Rat )  | = 12300 mg/kg ( Rabbit ) | > 310 mg/m <sup>3</sup> ( Rat ) 1 h |
| Glycerol<br>56-81-5                                   | = 12600 mg/kg ( Rat ) | > 10 g/kg ( Rabbit )     | > 2.75 mg/L ( Rat ) 4 h             |
| Quaternary Cocoalkylamine<br>Ethoxylate<br>61791-10-4 | = 580 mg/kg ( Rat )   | -                        | -                                   |
| Alcohols, C9-11 ethoxylated<br>68439-46-3             | = 1400 mg/kg ( Rat )  | -                        | -                                   |
| Citric Acid<br>77-92-9                                | = 3 g/kg ( Rat )      | > 2000 mg/kg ( Rat )     | -                                   |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes serious eye damage.

**Sensitization** May cause an allergic skin reaction.

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Reproductive toxicity** May damage fertility or the unborn child

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 2,819.30 mg/kg  
**ATEmix (dermal)** 11,222.60 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

| Chemical name               | Algae/aquatic plants | Fish                                                                                                                                                                                           | Crustacea                                  |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Hexylene glycol<br>107-41-5 |                      | LC50: 10500 - 11000mg/L (96h, Pimephales promelas)<br>LC50: =10000mg/L (96h, Lepomis macrochirus)<br>LC50: =8690mg/L (96h, Pimephales promelas)<br>LC50: =10700mg/L (96h, Pimephales promelas) | EC50: 2700 - 3700mg/L (48h, Daphnia magna) |
| Glycerol<br>56-81-5         |                      | LC50: 51 - 57mL/L (96h, Oncorhynchus mykiss)                                                                                                                                                   |                                            |
| Citric Acid<br>77-92-9      |                      | LC50: =1516mg/L (96h, Lepomis macrochirus)                                                                                                                                                     |                                            |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

| Chemical name               | Partition coefficient |
|-----------------------------|-----------------------|
| Hexylene glycol<br>107-41-5 | 0.14                  |
| Citric Acid<br>77-92-9      | -1.72                 |

**Other adverse effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Disposal methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION****Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

**15. REGULATORY INFORMATION****International Inventories**

| Chemical name                        | TSCA | TSCA Inventory Status | DSL/NDSL | EINECS/ELI NCS | ENCS | IECSC | KECL | PICCS | AIIC |
|--------------------------------------|------|-----------------------|----------|----------------|------|-------|------|-------|------|
| Hexylene glycol                      | X    | ACTIVE                | X        | X              | X    | X     | X    | X     | X    |
| Glycerol                             | X    | ACTIVE                | X        | X              | X    | X     | X    | X     | X    |
| Quaternary Cocoalkylamine Ethoxylate | X    | ACTIVE                | X        |                | X    | X     | X    | X     | X    |
| Alcohols, C9-11 ethoxylated          | X    | ACTIVE                | X        |                | X    | X     | X    | X     | X    |
| Citric Acid                          | X    | ACTIVE                | X        | X              | X    | X     | X    | X     | X    |

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing Chemicals Inventory**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AIIC - Australian Inventory of Chemical Substances***US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

| Chemical name               | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------|------------|---------------|--------------|
| Hexylene glycol<br>107-41-5 | X          | X             | X            |
| Glycerol<br>56-81-5         | X          | X             | X            |

**16. OTHER INFORMATION****NFPA****Health hazards****Flammability****Instability****Special hazards**

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**HMIS****Health hazards****Flammability****Physical hazards****Personal Protection**

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Not determined

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and 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.

**End of Safety Data Sheet**