



M.S.D.S.

eco-tabs™

1360 NW 65th Avenue, Unit N
Plantation, FL 33313

1. Identification of the substance/preparation and company/undertaking.

NAME eco-tabs™ Portable Toilet Tablets

Synonyms: Sodium Carbonate Peroxyhydrate, Lactose Monohydrate, PEG surfactant

Common uses: Aerobic bacterial treatment for use in portable toilets for odor control.

Supplied by:

eco-tabs™

1360 NW 65th Avenue, Unit N
Plantation, FL 33313

Tel: 1-800-997-7299
www.eco-tabs.com
Emergency No. (24 hours): **Chemtrec**
800-424-9300 (Domestic)
703-527-3887 (International)

2. Composition/information on ingredients.

Contains:

- Sodium Percarbonate 15%
- Calcium Peroxide 1.2%
- Non-Toxic Biodegradable Dye 3.2%
- Biologically active Surfactant 3.0%
- Non-toxic Fragrance
- Nutrients
- Binders
- Non- Pathogenic Bacterial Strains

<u>Hazardous ingredient/impurity</u>	<u>% Conc.</u>	<u>Classification</u>	<u>Exposure</u>	<u>CAS</u>	<u>EINECS</u>
Sodium Percarbonate	15	5.1		15630-89-4	239-707-6
Calcium Peroxide	1.2	5.1		233410	
C14-16 Olefin Sulfonate	3.0			68439-57-6	
FD&C Blue Dye#1	3.2				

3. Hazards identification.

Classification: Non pathogenic bacteria culture and active oxygen compounds

CI#: Not Available

TSCA: "We certify that all chemicals in this shipment are not subject to TSCA."

4. First Aid measures.

Immediate medical attention is required in case of exposure by inhalation, contact with skin or eyes, or if swallowed.

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
Inhalation	Prolonged or repeated inhalation of dust, may irritate the respiratory tract	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.
Skin Contact	May cause irritation and discomfort	Drench the skin with plenty of water for 15 minutes, use a mild soap if available. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention.

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Eye Contact	May cause irritation and pain	Remove contact lens and irrigate thoroughly with water for at least 15 minutes. Obtain medical attention.
Ingestion	Irritation of gastrointestinal tract, nausea, diarrhea	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

Immediate Treatment / Antidote: symptomatic treatment

Delayed Effects: Bacterial infection

5. Fire Fighting measures.

Suitable Extinguishers: Water

Unsuitable Extinguishers:

Hazardous Combustion Products: None Known. Large dust accumulations can be explosive, similar to a grain dust explosion.

Special Equipment for Fire Fighting: Self contained breathing apparatus

6. Accidental Release measures.

Personal Precautions: Wear appropriate PPE - See section 8

Environmental Precautions: The bacteria and carriers are naturally occurring and should not pose an environmental risk. Do not place the product into potable water intended for drinking.

Clean up Procedure: If dry, vacuum or dry sweep spilled material and place in closed plastic bags for disposal. If wet, place wet material in a drum or bucket lined with a plastic bag. The bag should not be tightly closed. Allow the bag to airate for 24 hours before disposal. Disposal bag should be pinholed near the top to avoid bursting if carbon dioxide or oxygen gas is evolved. Wash spill site with water. If bacterial contamination is an issue use chlorine to kill the bacillus spores.

7. Handling & Storage.

Handling

Ventilation: Good general ventilation.

Recommended procedures & equipment: avoid creating dust

Storage Store in a dry area.

Keep away from: See section 10

Suitable storage Media: Original container with closed lid

Precautions against static discharge: Do not transfer material into flammable solvents. Ground all equipment that handles solid or powdered product to avoid sparks. Product surface alterations caused by calcining or mixing with additives may alter toxicological and chemical properties.

8. Exposure Controls/personal protection.

Exposure Limits:

8-Hour Time Weighted Average (TWA): 15-minute Short-Term Exposure Limit (STEL)

OSHA: 6 mg/m³ (total dust) TWA. 29 CFR 1910.1000 (Rev. 3/1/89).

ACGIH: 10 mg/m³ (total amorphous dust) TWA. 3 mg/m³ (respirable nuisance particulate) TWA.

Personal Protective Equipment:

Respiratory: NIOSH approved dust filter respirator for exposure above permissible exposure limits.

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Respiratory protection programs must be in accordance with 29 CFR 1910.134

Hand: Wash hands after use. Gloves recommended

Eye: Safety glasses or goggles recommended.

Skin: Wash after exposure. Boots, aprons, or chemical suits should be used when necessary to prevent skin contact. Personal protective clothing and use of equipment must be in accordance with 29 CFR 1910.132 (general requirements), .133 (eye and face protection, and .138 (hand protection).

Environmental controls: Users should be aware of environmental considerations and their duties under the environmental protection act.

Hygiene Measures: Always wash thoroughly after handling chemicals.

9. Physical & Chemical Properties.

Appearance	Green
Odor	Strong, Varies depending on fragrance incorporated into tablets
pH	8.0 (5% suspension)
Boiling point/range	NA
Melting point/range	NA
Flash point	NA
Specific gravity	NA
Bulk density	Variable
Volume % Volatile	NA
Physical state	Tablet
Vapour pressure	None
Heat solution	NA
Solubility in water	Partially Insoluble
Vapour density	Not soluble
Evaporation rate	NA

10. Stability & Reactivity.

Stability: Stable under normal storage and handling conditions. Keep away from moisture when storing. Keep away from combustible solvents.

Conditions/Materials to avoid: Accumulations of product in enclosed spaces and generation of dust. High temperatures (>200°C) treatment or calcining). Avoid alteration of product properties before use. Calcining, which may result in gas formation, or mixing with additives may alter toxicological and chemical properties.

Hazardous decomposition products: None known

11. Toxicological Information.

Toxicological effects: Low Acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction, especially to people that have a history of allergic reactions.

LD_{Lo}

LD₅₀

oral-rat

skin-rabbit

12. Ecological Information.

ECO-tabs™ Portable Toilet Tablets

Environmental Effects: Not Known

Bioaccumulative potential: Not Known

Aquatic Toxicity: Not Known

13. Disposal considerations.

Substance: Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Container: As substance.

14. Transport Information. Not regulated for transport

UN number		Class
Primary Hazard		Subsidiary Hazard
Packing Group		Emergency Action Code
H.I. Number		Marine Pollutant
Proper Shipping name	Water treatment compounds	

15. Regulatory Information.

Label Name ECO-tabs™ Toilet Tablets
Symbols no risk or safety phrases stipulated

Risk Phrases
8 Contact with combustible material may cause fire.
36/38 Irritating to eyes and skin.

Safety Phrases

3 Keep in a cool place.
8 Keep container dry.
17 Keep away from combustible material.
24/25 Avoid contact with skin and eyes.
26 l In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

E.C. No

Additional labeling:

Use of this material may be governed by the following regulations: - (users are advised to consult these regulations for further information).

WHMIS (Canada): Not controlled under WHMIS (Canada)

DSCL (EEC): This product is not classified according to EU regulations. Not applicable.

Hazardous Material Identification System (HMIS):

Health (0-4): 1
Flammability (0-4): 1
Reactivity (0-4): 0
Personal Protection (A-D): N/A

National Fire Protection Association (U.S.A):

Health (0-4): 1
Flammability (0-4): 1
Reactivity (0-4): 0
Specific Hazard: N/A

Protective Equipment: (Non-toxic, non-caustic)
<Gloves and protective eyewear recommended>

*eco-tabs*TM Portable Toilet Tablets

The information contained in this data sheet does not constitute an assessment of workplace risks.

16. Other Information.

This material must not be used for direct contact with food: Wash hands thoroughly after handling.

Further details may be available upon request from your local *eco-tabs*TM distribution site.

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