Eco Global Sales, Inc.
eco-*tabs*™
1360 NW 65th Avenue, Unit N
Plantation, Florida 33313 USA
Tel: (954) 583-0555 Fax: (954) 583-6548
Email: sales@eco-tabs.com

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

NAME: eco-tabs™

Eco Shock

Synonyms: Sodium Percarbonate, Molasses, Sodium Carbonate, Sodium Bicarbonate, Citric Acid, Sodium Chloride (<1%)

Common uses: Aerobic bacterial pre-treatment for use in Grease traps and Interceptors, Sewage Lift Stations, Sewer lines, WWTF's, POTW systems to reduce or eliminate odors (e.g. H2S, NH4, VFA's), prevent corrosive acid development and reduce FOG related backups and damage.

Supplied by:

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Emergency No.: (24 hours):
Chemtrec:
800-424-9300 (Domestic)
703-527-3887 (International)

2. Composition/information on ingredients.

CHEMICAL NAME	CAS #	TSCA	TSCA 8 (d)	SARA 302	SARA 313	%
Sodium Bicarbonate	144-55-8	YES	NO	NO	NO	8%
Sodium Carbonate (soda ash)	497-19-8	YES	NO	NO	NO	8%
Sodium Per carbonate	15660-89-4	YES	NO	NO	NO	30%
Citric Acid	77-92-9	YES	NO	NO	NO	8%
Molasses	N/A	YES	NO	NO	NO	3%
Sodium Chloride (Salt)	7647-14-5	YES	NO	NO	NO	1%
Non-Pathogenic Proprietary Bacteria Blend	N/A	YES	NO	NO	NO	30%
Dextrose	5996/10/01	YES	NO	NO	NO	12%

NOTES: SECTION 302 Extremely Hazardous Substance List
SECTION 313 Toxic Chemicals

European Inventory of Existing Chemical Substances

3. Hazards identification.

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Classification:

Non pathogenic bacteria culture and active oxygen compound

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4. First Aid measures.

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

Exposure Route	Inhalation
Symptom	Prolonged or repeated inhalation of dust, may irritate the respiratory tract
Treatment	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.

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

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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

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6. Accidental Release measures.

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Personal Precautions: Wear appropriate PPE - See section 8

Environmental Precautions: The bacteria and carriers are naturally occurring and should not pose an environmental risk.

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 aerate for 24 hours before disposal. Disposal bag should be pin-holed 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.

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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.

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8. Exposure Controls/personal protection.

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

OSHA: 6 mg/m$_3$ (total dust) TWA. 29 CFR 1910.1000 (Rev. 3/1/89).
ACGIH: 10 mg/m$_3$(total amorphous dust) TWA. 3 mg/m$_3$ (respirable nuisance particulate) TWA.

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Personal Protective Equipment:

Respiratory: NIOSH approved dust filter respirator for exposure above permissible exposure limits. 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. Do not place the product into potable water.

Hygiene Measures: Always wash thoroughly after handling chemicals.

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9. Physical & Chemical Properties.

Appearance:	**Oatmeal color**	**Odor:**	Slight Musty Odor
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
Vapor pressure	None	**Heat solution** NA	
Solubility in water	Partially Insoluble	**Vapor density**	Non soluble
Evaporation rate NA			

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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

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11. Toxicological Information.

Toxological 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.

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12. Ecological Information.

Environmental Effects: None Known **Bio-accumulative potential:** None Known

Aquatic Toxicity: None Known

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13. Disposal considerations.

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

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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

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15. Regulatory Information.

Label Name	Eco Shock (Granules)
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 I 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).

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

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16. Other Information.

This material must not be used for direct contact with food:

Wash hands thoroughly after handling.

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