



BOUMATIC LLC

Safety Data Sheet EnviroSecure

SECTION 1: Identification

1.1 Product identifier

Product name EnviroSecure

1.2 Other means of identification

Floor Treatment Powder

1.4 Supplier's details

Name Boumatic LLC
Address 2001 S. Stoughton
Madison, WI 53716
USA

Telephone 608-222-3484
email SDS@BouMatic.com

1.5 Emergency phone number(s)

24-Hour Emergency
1-800-255-3294 (U.S.)
001-813-248-0585 (International)

SECTION 2: Hazard identification

General hazard statement

The product is classified and labeled according to the Globally Harmonized System (GHS).

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2A
- Acute toxicity, oral, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 3

2.2 GHS label elements, including precautionary statements

Pictogram



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Signal word

Danger

Hazard statement(s)

H301	Toxic if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection/face protection.
P280	Wear protective gloves.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P302+P352	IF ON SKIN: Wash with plenty of water/...
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor/.../ if you feel unwell.
P321	Specific treatment (see ... on this label).
P330	Rinse mouth.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Sodium percarbonate

Concentration	Not specified
CAS no.	15630-89-4

2. Sodium carbonate

Concentration	Not specified
EC no.	207-838-8
CAS no.	497-19-8
Index no.	011-005-00-2

- Serious eye damage/eye irritation, Cat. 2

H319	Causes serious eye irritation
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SECTION 4: First-aid measures

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4.1 Description of necessary first-aid measures

General advice	Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours, therefore medical observation for at least 48 hours after the accident.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	If swallowed immediately call a poison center/doctor.
Personal protective equipment for first-aid responders	No further relevant information available.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No further relevant information available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Sodium carbonate: Carbon oxides, Sodium oxides

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

May intensify fire; oxidiser.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel). Keep in suitable, closed containers for disposal.

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Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Sodium percarbonate (CAS: 15630-89-4)

2. Sodium carbonate (CAS: 497-19-8)

8.2 Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests, no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of glove material on consideration of penetration times, rates of diffusion and degradation.

Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

In case of brief exposure or low pollution, use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Thermal hazards

May intensify fire; oxidizer

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Powder. White.
Odor	Mild
Odor threshold	Not determined
pH	Not applicable
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Contact with combustible material may cause fire
Upper/lower flammability limits	Not determined
Upper/lower explosive limits	Not determined
Vapor pressure	Not applicable
Vapor density	Not determined
Relative density	Not determined
Solubility(ies)	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Product is not self-igniting
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidizing properties	May intensify fire; oxidizer

SECTION 10: Stability and reactivity

10.1 Reactivity

The substance possesses oxidizing properties. Store separate from acids, alkalies, reducing agents and combustibles.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal use conditions.

10.4 Conditions to avoid

None under normal use conditions.

10.5 Incompatible materials

Sodium carbonate: Sodium carbonate reacts with acids with release of large volumes of carbon dioxide gas and heat.

10.6 Hazardous decomposition products

No further relevant information available.

SECTION 11: Toxicological information

Information on toxicological effects

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Acute toxicity

Toxic if swallowed.

Skin corrosion/irritation

Causes severe skin burns.

Serious eye damage/irritation

Risk of serious damage to eyes.

Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Germ cell mutagenicity

No data available

Carcinogenicity

IARC (International Agency for Research on Cancer): None of the ingredients listed.

NTP (National Toxicity Program): None of the ingredients listed.

OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients listed.

Reproductive toxicity

No data available

Summary of evaluation of the CMR properties

Carcinogenic categories: IARC (International Agency for Research on Cancer), NTP (National Toxicology Program), OSHA-Ca (Occupational Safety and Health Administration): None of the ingredients listed.

STOT-single exposure

No data available

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure

Aspiration hazard

May be fatal if swallowed and enters airways.

Additional information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability

No further relevant information available.

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

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Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: Disposal considerations

Disposal of the product

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Non Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

Disposal of contaminated packaging

Disposal must be made according to official regulations.

Waste treatment

Disposal must be made according to official regulations.

Sewage disposal

Disposal must be made according to official regulations.

Other disposal recommendations

Disposal must be made according to official regulations.

SECTION 14: Transport information

DOT (US)

UN Number: UN1479

Class: 8

Packing Group: II

Proper Shipping Name: UN1479, Oxidizing Solid, N.O.S. (Disodium Carbonate, compound with Hydrogen Peroxide 2:3)

Reportable quantity (RQ): N/A

Marine pollutant: No

Poison inhalation hazard: Yes

IMDG

UN Number: UN1479

Class: 8

Packing Group: II

EMS Number: F-A, S-Q

Proper Shipping Name: UN1479, Oxidizing Solid, N.O.S. (Disodium Carbonate, compound with Hydrogen Peroxide 2:3)

IATA

UN Number: UN1479

Class: 8

Packing Group: II

Proper Shipping Name: UN1479, Oxidizing Solid, N.O.S. (Disodium Carbonate, compound with Hydrogen Peroxide 2:3)

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

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No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Sodium carbonate
CAS-No.: 497-19-8

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

New Jersey Right To Know Components

Sodium carbonate
CAS-No.: 497-19-8

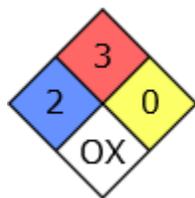
15.2 Chemical Safety Assessment

Keep out of reach of children. Read label before use. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

HMIS Rating

EnviroSecure	
HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with

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respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall BouMatic be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if BouMatic has been advised of the possibility of such damages.

16.2 Preparation information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.