

1. PRODUCT & COMPANY DESCRIPTION

Distributor: Ecoblue
PO Box 2225, Tucson AZ 85702
Tel: 520 407 6788
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Product Name: Ecoblue Cube
SDS# EB-001

Product Description: A biological block for the maintenance of hygiene & control of uric scale in urinals and urinal drainage pipes.

**For Product Emergency:
Telephone Infotrac
1 800 535 5053 (North America)
1 352 323 3500 (International)**

2. HAZARDS IDENTIFICATION

Appearance: Blue cube
Physical State: Solid
Odor: Floral / Citrus



Warning:
Harmful if swallowed
Irritating to eyes & skin.
Use gloves when handling product.

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. If swallowed, call a poison center or doctor if you feel unwell. Rinse mouth. Dispose of contents / container to an approved waste disposal plant.

Potential Health Effects: Acute

Eyes - May cause irritation
Skin - May cause slight irritation.
Inhalation - May cause irritation of respiratory tract.
Ingestion - May cause gastrointestinal irritation, nausea, vomiting & diarrhea.

Potential Health Effects: Chronic

Not anticipated but components of fragrance may cause allergic reaction.

Environmental Hazard

High water solubility.
Not classified as dangerous for the environment.

3. COMPOSITION

All components appear on the TSCA inventory and Canadian DSL. Components not listed are either non-hazardous or in concentrations of less than 1%

Ingredient	CAS #	WEIGHT %
Sodium Chloride	7647-14-5	50-60%
Sodium dodecyl-benzene sulphonate	25155-30-0	20-25%
Glucose	50-99-7	1-5%
Viable bacterial Cultures	N/A	1-5%
Lipase	9001-62-1	<0.1%
Fragrance*	123-92-2 8006-64-2 101-84-8	<3%

* Fragrance contains the following chemicals which may cause allergic reaction: citral, citronellol, geraniol, limonene.

4. FIRST AID MEASURES

Inhalation: Not an expected route of exposure. Fragrance could cause allergic reaction in sensitive individuals. Move to well ventilated area. Seek medical attention if shortness of breath, wheezing or labored coughing develop.

Skin contact: Immediately wash affected area thoroughly with soap and water. Seek medical attention if irritation develops. Organisms used are non pathogenic but can cause infection if in contact with open wounds.

Eye contact: Immediately flush eyes with plenty of water for 15 min. Seek medical attention if irritation develops.

Ingestion: Do not induce vomiting. Drink water to dilute. Seek medical attention.

Prolonged contact may cause skin & eye irritation. Physicians should treat symptomatically.

5. FIRE FIGHTING MEASURES

Product is not flammable

Suitable Extinguishing Media: Water, Foam, dry chemical or CO₂.
Unsuitable Extinguishing Media: None
Hazardous Combustion Products: None
Specific Hazards from Chemical: May cause allergic respiratory reaction.
Special Fire Fighting Procedures: Full protective clothing & self contained breathing apparatus should be worn (MSHA/NIOSH approved or equivalent).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment as required.

Containment & Clean Up Methods: Prevent further leakage or spillage if safe to do so. Collect and place in suitable, properly labelled container for recovery or disposal.

7. HANDLING & STORAGE

Precautions for Safe Handling: Wash face & any exposed skin after handling. Do not eat, drink when using product.

Storage Conditions: Store in a cool, dry, well ventilated area. Keep containers closed when not in use. Store in a location away from children, food items and potable water. Always wash hands with soap & water before handling food or smoking. Use good hygiene practices.

Conditions to Avoid: Avoid freezing temperatures or temperatures > 45°C (113°F). Strong acids, alkali or other chemical compounds will inactivate biological cultures.

8. EXPOSURE CONTROL METHODS

Engineering Controls: None under normal use conditions. If used in a manner that creates a mist, mechanical ventilation may be necessary

Respiratory Protection: None required with normal use. Ensure adequate ventilation.

Skin Protection: Avoid contact with broken skin. Disposable vinyl gloves are recommended.

Eye Protection: Avoid touching eyes. Safety goggles recommended with prolonged handling of product in unventilated area.

General Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL & CHEMICAL PROPERTIES

pH: 8.0 (1% solution at 20°C)

Appearance: Blue cube shape

Odor: citrus

Melting Point: NA

Boiling Point: NA

Flammability: NA

Explosive Properties: Predicted not explosive based on chemical structure.

Solubility: Complete in water

10. STABILITY & REACTIVITY

Reactivity:

Not reactive under normal conditions.

Chemical Stability:

Stable under normal storage conditions.

Possibility of Hazardous Reactions:

None under normal processing.

Conditions to Avoid:

Keep out of reach of children. Avoid freezing temperatures or temperatures > 45°C (113°F)

Incompatible Materials: Strong acids, alkali or other chemical compounds will inactivate biological cultures.

Incompatibility: None known

Hazardous Decomposition Products:

None anticipated

11. TOXICOLOGICAL INFORMATION**Acute Toxicity**

Eye contact: May cause slight irritation

Skin contact: May cause skin irritation upon prolonged contact.

Inhalation: Not an expected route of exposure. Inhalation mists may be irritating to the respiratory system.

Ingestion: Harmful if swallowed.

Chronic Toxicity

Sensitization: According to our experience and to the information provided to us, the product does not have any harmful effects if used & handled as specified.

Carcinogenic potential is unknown.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to pose any environmental hazard. No specific data pertaining to toxicity of soil organisms, plants & terrestrial animals is available.

Mobility: This preparation has high water solubility and is likely to distribute predominantly to the aqueous environment.

Biodegradability: This preparation is designed to rapidly biodegrade.

Accumulation: Not expected to bioaccumulate due to high water solubility.

Other Information: Product is formulated and manufactured to cause minimal environmental impact. Bacteria used are Class 1 micro-organisms, selected from the natural environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with local regulations.

Contaminated Packaging: Dispose of wastes in an approved waste disposal facility.

14. TRANSPORT INFORMATION

No dangerous goods according to transport regulations.

IMDG/IMO - Not regulated

RID - Not regulated

ADR - Not regulated

ICAO - Not regulated

IATA - Not regulated

DOT - Not regulated

15. REGULATORY INFORMATION**USA Federal Regulations:**

SARA 313 : Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

This product does not contain chemicals which are subject to the reporting requirements of the Act and 40 CFR Part 372.

SARA 311/312 Hazardous

Categorization :

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Reactive Hazard	No
Sudden Release of Pressure Hazard	No

USA State Regulations:

CA Proposition 65 - This product does not contain any Proposition 65 chemicals

Canadian Regulations:

WHMIS Hazard Class: Class D2A (respiratory sensitizer)

WHMIS Statement: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR).

GMO status: The bacteria contained in the formulation are naturally occurring and are not genetically modified.

16. OTHER INFORMATION**HMIS RATING:**

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent current opinion on the subject when the MSDS was prepared. No warranty, guarantee or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in conjunction with other products and determine its environmental regulatory compliance obligations under any applicable federal, state or local laws.