

Safety Data Sheet - Ecoblue FlowRestore

updated 10/01/26



1. PRODUCT & COMPANY DESCRIPTION

Distributor:

Desert USA Corporation DBA Ecoblue
305 S Euclid Ave #101
Tucson, AZ 85702
Tel: 520407 6788

Email: info@ecobluecorp.com

Product Name: Ecoblue FlowRestore

Product Description: A deep cleaning treatment for urinal traps, housings and cartridges.

2. HAZARDS IDENTIFICATION

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



Warning: Causes skin irritation. Causes serious eye irritation & serious eye irritation. Harmful to aquatic life with long lasting effects.

Prevention:

Avoid breathing dust or vapors. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF ON SKIN: Remove contaminated clothing, wash before reuse. Wash skin with plenty of water. If skin irritation occurs: 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. If eye irritation persists: Get medical advice/attention

Storage & Disposal:

Store locked in a cool, well ventilated place. Avoid release directly to the environment. Dispose contents at an approved disposal plant.

3. COMPOSITION

Name	CAS No.	GHS	% w/v
Sulfamic Acid	5329-14-6	Skin irrit. 2, H315. Eye irrit. 2, H319. Aquatic Chronic 3, H412	99%

4. FIRST AID MEASURES

Inhalation: If breathing is irregular or stopped, immediately seek medical assistance, give oxygen and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Skin contact: Rinse skin with water

Eye contact: Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Ingestion: Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

General First Aid Instructions: Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Water, Foam, Alcohol resistant foam, ABC-powder

Unsuitable extinguishing media: Water jet

Specific hazards arising from chemical: Hazardous combustion products: Nitrogen Oxides, Sulphur Oxides.

Advice for firefighters: In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions protective equipment and emergency procedures: For non-emergency personnel Remove persons to safety.

For emergency responders: Wear breathing apparatus if exposed to vapors/dust/spray/gases.

Environmental precautions: Keep contained. If spillage occurs. pick up salts mechanically. Do not wash spillage with water. Place in appropriate container for disposal. Ventilate affected area.

7. HANDLING & STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene & safety practices and use recommended general and individual protection measures.

Storage Conditions: Keep containers tightly closed in a dry, cool & well ventilated place.

Ventilation: Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground container and receiving equipment.

Handling of incompatible substances: Do not mix with alkali. Keep away from Caustic solutions

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8. EXPOSURE CONTROLS

General protection Measures:

Use local exhaust ventilation, maintain dust collection systems or appropriate filtration, Use proper housekeeping to minimize dust accumulation. Dust deposits may accumulate on all surfaces in a technical room.

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding equipment.

Individual protection Measures:

Eye/face protection: Wear eye/face protection.

Skin protection: Wear protective gloves. Wash hands thoroughly after handling.

Respiratory protection: If airborne dust is present, use NIOSH-approved dust/acid gas respirator (eg P100 or combination cartridge)

Environmental Controls:

Use appropriate container to avoid environmental contamination. Prevent release to the environment in concentrated form. Dilute with water as directed before pouring into drain.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state	solid
Colour	white
Odour	odourless
Melting point/freezing point	205 °C at 1 atm
Boiling point or initial boiling point and boiling range	not determined
Flammability	non-combustible
Lower and upper explosion limit	not determined
Flash point	not applicable
Auto-ignition temperature	>400 °C at 1 atm (ECHA)
Decomposition temperature	209 °C at 1 atm (ECHA)
pH (value)	not applicable
Water solubility	181.4 g/l at 20 °C
Partition Coefficient (log K _{ow})	~0.1 low partitioning into organic phase
Vapor pressure	0.8 Pa @20°C
Particle Size	505.3 µm

10. STABILITY & REACTIVITY

Not reactive and stable under normal storage & handling conditions.

Possible hazardous reactions:

Reactions may occur with strong bases, strong oxidizing agents, chlorinating agents or metals to produce exothermic reactions or gaseous emissions (eg hydrogen).

Conditions to Avoid:

Elevated temperatures (above decomposition)

Do not allow moisture to enter container. Keep lid screwed tight.

Contact with hazardous chemicals as described.

11. TOXICOLOGICAL INFORMATION

Acute Effects:

Harmful if swallowed or in contact with skin.

Causes skin irritation. (Redness, burns, pain, blistering)

Causes serious eye irritation. (Pain, tearing, damage)

Causes respiratory sensitivity

NOT classified as a germ cell mutagenic.

NOT classified as carcinogenic.

NOT classified as a reproductive toxicant.

NOT classified as an aspiration hazard.

Symptoms / Effects:

Skin contact; redness, pain, blistering

Eye contact: pain, tearing, possible permanent damage

Inhalation: coughing, irritation, possible lung injury

Ingestion: severe gastrointestinal irritation, burns, pain, possibly systemic toxicity

Chronic Effects:

No strong evidence for chronic systemic toxicity under normal exposure conditions, but repeated high-level exposure may cause cumulative irritation or tissue damage.

12. ECOLOGICAL INFORMATION

Toxicity:

Fish (Pimephales promelas) 96 h LC₅₀ ~ 70.3 mg/L

Daphnia magna 48 h EC₅₀ ~ 71.6 mg/L

Algae (Scenedesmus) 72 h EC₅₀ ~ 48 mg/L

Persistence and degradability:

Sulfamic acid is expected to be moderately biodegradable; not strongly persistent.

Low bioaccumulation potential; log K_{ow} ~ 0.1

Mobility in soil:

High water solubility suggests potential mobility in aqueous environments; may leach in soils.

Other adverse effects:

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Changes in pH from release may harm aquatic life.
Avoid discharges before neutralization.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of in accordance with federal, state, and local regulations (e.g. RCRA in U.S.).
Neutralize acidic residues before disposal (to near pH 7), but do so cautiously to minimize exothermic reaction.
Do not dispose of into drains if concentration is high.
Contaminated packaging should be rinsed and disposed or recycled if permitted.
Labels must remain on waste containers.

Regulatory considerations

Consult local waste authorities, RCRA guidelines, and disposal contractors.

14. TRANSPORT INFORMATION

UN / DOT / IATA / IMDG

Regulation	UN Number	Proper Shipping Name	Hazard Class	Pack-ing Group	Notes / Additional
U.S. DOT	UN 2967	Sulfamic acid	8	III	Packaging exceptions and non-bulk limits apply.
IATA / ICAO	UN 2967	Sulphamic acid	8	III	
IMDG / IMO	UN 2967	Sulphamic acid	8	III	

Passenger aircraft: limited quantities of < 25 kg are allowed.
Segregation: Keep separate from alkaline materials, oxidizers, and reactive chemicals.

15. REGULATORY INFORMATION

International Inventories:
TSCA: Complies
DSL: All components are listed either on the DSL or NDSL.
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

US Federal Regulations:
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.

SARA 311/312 Hazard Categories

Acute health hazard: Yes
Chronic Health Hazard: No
Fire hazard: No
Sudden release of pressure hazard: No
Reactive Hazard: No

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).

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.

Canada
WHMIS Hazard Class Not determined.

16. OTHER INFORMATION

Disclaimer / Legal Notice: This information is provided in good faith but without guarantee. It is the user's responsibility to verify suitability for their specific uses, comply with applicable laws and regulations, and ensure proper implementation of safety procedures.