



Environmental  
Biotech

# SAFETY DATA SHEET

## Flow Fresh

### Section 1: Product and Company Identification

**Product Name:** Flow Fresh

**Chemical Name/Synonyms:** Bacteria/Enzyme Treatment.

**Environmental Biotech**

1816 59th Terrace East

Bradenton, FL 34203 USA

www.environmentalbiotech.com

**24hr. Emergency Spill: INFOTRAC,** Client #113791: 1-800-535-5053 (Domestic USA) or 1-352-323-3500 (International)

**For information about this SDS, use this department contact phone#:** 1-941-877-2870

**HMIS:**

Health- 1 Flammability- 1 Reactivity- 0

Pers. Protection- N

**WHMIS:** NA

**NFPA:**

Health- 1 Flammability- 1 Reactivity- 0

Special Hazard-N

### Section 2: Hazards Identification

**Appearance/Odor:** Opaque white liquid, characteristic scent.

**Hazard Classification:** Not classified as hazardous by the criteria of NOHSC.

**Flammability:** Not classified as flammable.

**Health Hazards Listed:** Not applicable.

**Ecological Hazards Listed:** None known.

**Potential Health Effects:** See section 11 for more information.



**Signal Word:** WARNING.

**Risk Phrases:** R36/37/38: Irritating to eyes, respiratory system and skin.

**Safety Phrases:** S2: Keep out of reach of children. S13: Keep away from food, drink and animal feeding stuffs. S37/39: Wear suitable gloves and eye/face protection.

**Hazard Phrases:** H303: May be harmful if swallowed. H335: May cause respiratory irritation.

**Precautionary Phrases:** P102: Keep out of reach of children. P103: Read label before use. P233: Keep container tightly closed. P234: Keep only in original container. P235: Keep cool.

**Likely Routes of Exposure:** Not applicable.

**Eye:** Direct exposure can irritate.

**Skin:** Prolonged exposure can irritate.

**Ingestion:** Not expected to be a problem.

**Inhalation:** Not applicable.

**Medical Conditions Aggravated By Exposure:** Allergies to fragrances.

**Target Organs:** None known.

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Potential Environmental Effects:** None known (See section 12 for more information).

**Section 3: Composition/ Information on Ingredients**

| Chemical Name                  | CAS #     | % Weight  | WHMIS Controlled? |
|--------------------------------|-----------|-----------|-------------------|
| Water                          | 7732-18-5 | 60-100    | N                 |
| Bacteria Cultures              | NA        | 1-5       | N                 |
| Trade Secret Fragrance Mixture | none      | 0.1 - 1.0 | N                 |
| Polystyrene                    | none      | <0.1      | N                 |
| Non-ionic Surfactant           | NA        | 1-5       | Y                 |

**Section 4: First-Aid Measures**

**After skin contact:** Wash with plenty of soap and water.

**After eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Hold lids apart. Continue rinsing. If irritation persists, consult a physician.

**After inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**After swallowing:** Give water or milk to drink if conscious.

**Note to Physicians:**

**Section 5: Fire-Fighting Measures**

**Suitable extinguishing agents:** Water

**Unsuitable extinguishing agents:** None known.

**Products of Combustion:** Oxides of carbon and nitrogen.

**Special protective equipment for firefighters:** As for surrounding fire.

**Section 6: Accidental Release Measures**

**Personal precautions:** Keep out of eyes. Avoid skin contact.

**Measures for environmental protection:** Keep out of surface waters.

**Measures for containment:** Dike with sand clay or other suitable material.

**Measures for cleaning/collecting:** Absorb on sand, clay or other suitable material or mop up with water.

**Section 7: Handling and Storage**

**Handling:** Normal care.

**Storage:** Keep in original container at ambient temperatures (5 -50°C, 40-122°F).

**Section 8: Exposure Controls/Personal Protection**

| Component                  | TWA:             | LD-50          |
|----------------------------|------------------|----------------|
| Water                      | NA               | NA             |
| Bacteria Culture           | NA               | NA             |
| Trade Secret Fragrance Mix | None established | Not determined |
| Polystyrene                | NA               | NA             |
| Non-ionic Surfactant       | NA               | NA             |

**Engineering Controls:** Not normally necessary.

**General protective and hygienic measures:** Reasonable care. Keep away from food and beverages.

**Breathing equipment:** Not normally necessary.

**Protection of hands:** Rubber or other protective gloves if handling large quantities.

**Eye protection:** Protective goggles if handling large quantities.

## Section 9: Physical and Chemical Properties

**Form:** White, opaque liquid  
**Odor:** Raspberry-like scent  
**Odor threshold:**  
**pH:** 6.5 - 8.0  
**Melting point/melting range:** NA  
**Boiling point/boiling range:** >100°C / >212°F  
**Flash point:** >205°F PMCC  
**Freezing Point:** Not determined.  
**Evaporation rate:** As water.  
**Flammability:** NA  
**Upper/lower flammability or explosive limits:** Not determined.  
**Auto ignition temperature:** Not determined.  
**Danger of explosion:** None  
**Specific Gravity:** 1  
**Vapor pressure:** As water.  
**Vapor density:** Not determined.  
**Volatile Organic Compound (VOC), % weight:** Less than 1%, all fragrance  
**Percent Volatile:** More than 95% including water  
**Solubility in/Miscibility with water:** Soluble

## Section 10: Stability and Reactivity

**Reactivity:** None  
**Chemical stability:** Stable  
**Conditions to avoid:** Not applicable  
**Incompatible materials:** None  
**Hazardous decomposition products:** Not applicable  
**Possibility of Hazardous Reactions:** Extremely unlikely

## Section 11: Toxicological Information

### ACCUTE EFFECTS

**Oral LD50:** Not determined. Weighted average more than 13 grams per kilogram.  
**Dermal LD50:** Not determined. Weighted average more than 10 grams per kilogram.  
**Inhalation:** Not determined. No components classified as toxic by inhalation at concentrations present.  
**Skin Irritation:** Prolonged or repeated contact may irritate skin.  
**Eye Irritation:** Direct contact may irritate eyes.  
**Sensitization:** None known.

### CHRONIC EFFECTS

**Carcinogenicity:** None known.  
**Mutagenicity:** None known.  
**Reproductive toxicity:** None known.  
**Developmental Effects:** None known.  
**Target organs:** None known.

## Section 12: Ecological Information

**Ecotoxicity:** Not applicable.  
**Mobility:** Not applicable.  
**Biodegradation:** Biodegradable.  
**Bioaccumulation:** Not applicable.

## Section 13: Disposal Considerations

Dispose in accordance with Federal, State, or Provincial and Local Regulations

## Section 14: Transport Information

### US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

### CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

### ICAO (air)

Proper Shipping Description: Not a Dangerous Good

### IMDG (water)

Proper Shipping Description: Not a Dangerous Good

## Section 15: Regulatory Information

### Global Inventories

**TSCA - United States:** Included

**DSL – Canada:** Included

**ECL – Korea:** Not known

**PICCS – Philippines:** Not known

**ENCS – Japan:** Not known

**AICS – Australia:** Included

**IECS – China:** Not known

**European Union:** Included

**SARA 313 Information:** No Sara 313 chemicals present at reportable levels

**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** No Proposition 65 substances present

**WHMIS – Canadian Workplace Hazardous Material Information System:** NA

## Section 16: Other Information

### HMIS Ratings :

|                            |   |
|----------------------------|---|
| <b>HEALTH</b>              | 1 |
| <b>FLAMMABILITY</b>        | 1 |
| <b>REACTIVITY</b>          | 0 |
| <b>PERSONAL PROTECTION</b> | N |

Legends: NFPA, HMIS: 0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Severe Hazard, 4 = Extreme Hazard

**SDS date of preparation/update:** 04/24/2020

**Prepared by:** Technical Department

While we believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of tests conducted, the data are not to be taken as warranty or representation for which we assume legal responsibility. The information is offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with federal, state and local laws.