



SAFETY DATA SHEET

Flow Fresh Gel

Section 1: Identification

Product Name: Flow Fresh Gel

Chemical Name/Synonyms: Bacteria/Enzyme Treatment.

Environmental Biotech

1816 59th Terrace East
Bradenton, FL 34203 USA
1-941-757-2591

HMIS: Health - 1, Flammability - 0, Reactivity - 0,
Personal Protection - N

NFPA: Health - 1, Flammability - 1, Reactivity - 0,
Special Hazard - N

WHMIS: B 3, D 2 B

Non-Emergency or for information about this SDS: 1-941-877-2870

24hr. Emergency Spill: INFOTRAC, Client #113761: 1-800-535-5053 (Domestic USA) or 1-352-323-3500 (International)

Section 2: Hazards Identification

Appearance/Odor: Opaque blue viscous liquid, spicy aroma.

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(s): 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. H305: May be harmful if swallowed and entered airways.

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.

Potential Environmental Effects: (See section 12 for more information).

Section 3: Composition/ Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Opacifier	Proprietary	< 5.0%	N
Non-Pathogenic Active Bacterial Culture	Proprietary	< 5.0%	N
Acrylate Copolymer Rheology Modifier	Proprietary	< 5.0%	N
Non-Ionic Surfactant Mixture	Proprietary	< 10%	Y
Polyethylene Glycol	25322-68-3	0.1% - 1.0%	N
Water	7732-18-5	75.0% - 99.9%	N

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.

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
Opacifier	None established	NA
Non-Pathogenic Active Bacterial Culture	None established	NA
Acrylate Copolymer Rheology Modifier	Not Listed	Not Listed
Non-ionic Surfactant Mixture	NA	NA
Polyethylene Glycol	None established	30,000 mg/kg
Water	NA	NA

General Hygienic Measures: Reasonable care. Keep out of food and beverages.

Respiratory Protection: Not normally necessary.

Skin Protection: Rubber or other protective gloves if handling large quantities.

Eye Protection: Protective goggles if handling large quantities.

Engineering Controls: Not normally necessary.

Section 9: Physical and Chemical Properties

Form: Blue, opaque liquid

Odor: Spicy

Odor threshold: NA

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 (solid, gas): NA

Upper/lower flammability or explosive limits: Not determined.

Auto ignition temperature: Not determined.

Danger of explosion: None

Specific Gravity: 1.01 - 1.06

Vapor pressure: As water.

Vapor density: Not determined.

Volatile Organic Compound (VOC), % weight: <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 known

Hazardous decomposition products: Extremely unlikely

Possibility of Hazardous Reactions: Extremely unlikely

Section 11: Toxicological Information

ACCUTE EFFECTS

Oral LD50: Not evaluated as a mixture. Weighted average more than 15 grams per kilogram.

Dermal LD50: Not determined. Weighted average more than 100 grams per kilogram.

Skin Irritation: Prolonged or repeated contact may irritate skin.

Eye Irritation: Direct contact may irritate eyes.

Inhalation: Not toxic by inhalation. Weighted average more than 50 milligrams per liter.

Sensitization: None known.

CHRONIC EFFECTS

Carcinogenicity: None known.

Mutagenicity: None known.

Reproductive Effects: None known.

Developmental Effects: None known.

Target organs: None known.

Section 12: Ecological Information

Ecotoxicity: Not applicable.

Persistence/Degradability: Not Applicable

Bioaccumulation/ Accumulation: Biodegradable

Mobility in Environment: 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 Section 313 (specific toxic chemical listings): 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 at reportable levels

WHMIS – Canadian Workplace Hazardous Material Information System: B 3, D 2 B

Section 16: Other Information

HMIS Ratings:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	N

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

SDS date of preparation/update: 04/21/2020

Prepared by: Technical Department

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