

BIO-FRESH #2431/2434

Waste Liquefier & Odor Eliminator



Features:

- Digests and liquefies waste
- Instantly eliminates odors
- Extremely powerful
- Solubilizes grease
- Activates drain lines and grease traps
- Removes odors from carpeting
- Available in Linen (#2434) and Dreamsicle (#2431)
- Available in 1 Quart, 1 Gallon, 5 Gallon and 55 Gallon



Description:

BIO-FRESH is a ready-to-use, liquid bacteria waste digester and odor counteractant. Formulated with a blend of cultured live bacteria and special bioactive solubilizing agents, this product is highly effective in drain lines, grease traps, lift stations, sewage treatment systems, water treatment plants and septic tanks. When used as directed, this product will eat away grease and other organic wastes that line the pipes and create odors and slow-flowing drains. It will also digest uric salts on floor tiles around toilets and urinals. BIO-FRESH is an extremely effective odor eliminating solution in garbage and waste receptacles, porta-toilets, carpet and other hard surfaces.

Use On:

- Drain Lines
- Porta-Toilets
- Restrooms
- Grease Traps
- Carpets
- Dumpsters
- Trash Cans
- Condensate Drain Pans

Use In:

- Food Service
- Hospitals
- Health Care
- Country Clubs
- Athletic Clubs
- Restaurants
- Hotels/Motels

Use For:

- Uric Salts
- Pet Odors
- Smoke
- Urinals
- Sinks
- Flooring
- Mold

Directions:

Waste Treatment Plant: Use 3 ppm, for the first 7 days, 2 ppm for the next 7 days, then 1 ppm daily for preventative maintenance. Application should be at furthest point in the plant to give the longest retention period.

Grease Traps: Have trap pumped before beginning treatment. Add 1 quart per 25 cu ft. capacity, then begin preventative maintenance regimen. End of business, add a pint of solution that is 50% water and 50% BIO-FRESH to each drain leading to the trap. Avoid running water into the drain overnight.

Drain Lines: It is important to establish a bacteria colony during the first month. Pour 8 ounces per inch of diameter of pipe, directly into the drain lines at the end of the day or the lowest possible use period. Begin this process on the first/lowest floor, moving up one floor each day until the top floor has been treated and the entire system is moving freely. Maintain by treating the top floor only with a maintenance dose of 2 oz. per inch of diameter twice weekly.

Drains: For slow drains, pour a total of 8 oz. per inch of diameter directly in drain, then maintain by pouring 2 oz. per inch of diameter of pipe twice weekly directly in drain.

Cement Vault Toilets and Porta-Toilets: Initial dose, pour 1 gallon directly into toilet and cover solids with water to aid digestion, add 1 pint each week while insuring the waste surface is kept moist.

Septic Tanks: Pour 1 pint per 25 cubic ft. capacity directly in toilet and flush. To maintain, pour 8 oz. per cubic ft. directly in toilet and flush. If septic tank has become clogged and odorous, add 1 quart of product directly to the tank through manhole.

Odor Control: Directly spray onto problem surfaces and fibers until soaked using a trigger sprayer. Allow to air-dry.

Product Characteristics:

Appearance:	Opaque, white liquid
Odor:	Fragranced
Flammable Limits:	0 to 0
Vapor Pressure:	No data available
Specific Gravity:	No data available
Water Solubility:	Completely soluble
Vapor Density:	No data available
Flash Point:	Not applicable
pH:	7.5-8.5
pH Effective Range:	4-11
Temperature Effective Range:	40°F-140°F
Evaporation Rate:	Similar to water
Viscosity:	Water thin
Storage:	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Keep container tightly closed and sealed. Do not store in unlabeled containers.
Transport Information:	
Proper Shipping Name:	Not regulated for transportation
UN Number:	Not regulated for transportation
Class:	Not regulated for transportation
Packing Group:	Not regulated for transportation

Pictograms:

NOT A CONTROLLED



PRODUCT UNDER GHS

Signal Word:

Not a GHS controlled substance.

Personal Protective Equipment Required:






SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2413	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	BIO-FRESH	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Waste Liquefier & Odor Eliminator	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).	SIGNAL WORD: Not applicable.	SYMBOL:	NOT A CONTROLLED  PRODUCT UNDER GHS
HAZARD STATEMENTS: Not applicable.			

3. Composition / Information on Ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, that are classified as hazardous to health or the environment and hence require reporting in this section.

4. First Aid Measures

EMERGENCY OVERVIEW

- EYES:** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.
- SKIN:** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a POISON CENTER or doctor/physician. Remove and wash contaminated clothing before reuse.
- INHALATION:**
Move person to fresh air; if effects occur, consult a physician.
- INGESTION:**
Clean mouth with water and afterwards drink plenty of water.

5. Fire-Fighting Measures

GENERAL HAZARD:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

EXTINGUISHING MEDIA:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

FIRE FIGHTING EQUIPMENT:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

SMALL SPILL:

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if not water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

LARGE SPILL:

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, watercourses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material, e.g. sand, earth, vermiculite or diatomaceous earth, and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

7. Handling and Storage

SAFE HANDLING:

Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly after handling.

SAFE STORAGE & INCOMPATIBILITIES:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure Controls / Personal Protection

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: If splashes are likely to occur, wear tightly fitting safety goggles.

Skin Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

General Hygiene Considerations: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical & Chemical Properties

Appearance:		Density:	No data available.
Physical State:	Liquid.	Flammable Limits:	0 to 0 Notes: No data available.
Color:	Opaque, white.	Vapor Density:	No data available.
Odor:	Fragranced.	Vapor Pressure:	No data available.
Odor Threshold:	No data available.	Solubility (water):	Completely soluble.
pH:	7.5-8.5	Auto-Ignition Temp:	No data available.
Viscosity:	Water thin.	Thermal Decomposition:	No data available.
Flash Point & Method:	Not applicable.	Evaporation Rate:	Similar to water.
Specific Gravity:	No data available.	Freezing Point:	No data available.
Melting Point:	No data available.		

10. Stability & Reactivity Information

STABLE:

Yes.

HAZARDOUS POLYMERIZATION:

No.

STABILITY:

Stable under recommended storage conditions.

POLYMERIZATION:

Hazardous polymerization does not occur.

CONDITIONS TO AVOID:

None known based on information supplied.

POSSIBILITY OF HAZARDOUS REACTIONS:

Under normal conditions of storage and use, hazardous reactions will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

No data available.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents. Strong Acids. Strong bases. Reducing agents.

11. Toxicological Information

NEUROTOXICITY:

No data available.

EYE EFFECTS:

No data available.

SENSITIZATION:

No data available.

SKIN EFFECTS:

No data available.

IRRITATION:

No data available.

CORROSIVITY:

No data available.

GENETIC EFFECTS:

No data available.

REPRODUCTIVE TOXICITY:

No data available.

TARGET ORGAN:

No data available.

SUB CHRONIC EFFECTS:

No data available.

CHRONIC EFFECTS:

No data available.

12. Ecological Information

ENVIRONMENTAL DATA:

This material has not been tested for acute environmental effects.

ECOTOXICOLOGICAL INFORMATION:

None known.

BIOACCUMULATION/ACCUMULATION:

No data available.

13. Disposal Consideration

This material, as supplied, is not a hazardous waste according to federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixing with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

14. Transportation Information

Not regulated for domestic ground transportation.

15. Regulatory Information**UNITED STATES:****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

FIRE: No.

PRESSURE GENERATING: No.

REACTIVITY: No.

ACUTE: No.

CHRONIC: No.

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: 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.

TSCA (TOXIC SUBSTANCE CONTROL ACT)**Chemical Name:** Water**CAS:** 7732-18-5**CALIFORNIA PROPOSITION 65:**

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

CLEAN WATER ACT:

None.

16. Other Information**N/A = Not Applicable; N/D = Not Determined****DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

DESCRIPTION

BIO-FRESH is a ready-to-use, liquid bacteria waste digester and odor counteractant. Formulated with a blend of cultured live bacteria and special bioactive solubilizing agents, this product is highly effective in drain lines, grease traps, lift stations, sewage treatment systems, water treatment plants and septic tanks. Used as directed, this product will eat away grease and other organic waste that line the pipes, creating odors and slow-flowing drains. It will also digest uric salts on floor tiles around toilets and urinals. **BIO-FRESH** is an extremely effective odor eliminating solution in garbage and waste receptacles, porta-toilets, carpet, and other hard surfaces.

DIRECTIONS FOR USE

Waste Treatment Plant: Use 3 gallons per million, for the first 7 days, 2 gallons per million for the next 7 days, then 1 gallons per million daily for preventative maintenance. Application should be at furthest point in the plant to give the longest retention period.

Grease Traps: Add 1 quart per 25 cubic feet capacity, then begin preventative maintenance regimen. End of business, add a pint of solution that is 50% water and 50% **BIO-FRESH** to each drain leading to the trap. Avoid running water into the drain overnight.

Drain Lines: It is important to establish a bacteria colony during the first month. Pour 8 ounces per inch of diameter of pipe, directly into the drain lines at the end of the day or the lowest possible use period. Begin this process on the first/lowest floor, moving up one floor each day until the top floor has been treated and the entire system is moving freely. Maintain by treating the top floor only with a maintenance dose of 2 ounces per inch of diameter twice weekly.

Drains: For slow drains, pour a total of 8 ounces per inch of diameter directly in drain, then maintain by pouring 2 ounces per inch of diameter of pipe twice weekly directly in drain.

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BIO-FRESH DREAMSICLE

WASTE LIQUEFIER & ODOR ELIMINATOR

**CULTURED, LIVE, LIQUID BACTERIA ENZYMES
BIOACTIVE SOLUBILIZING AGENTS
INSTANT ODOR CONTROL**



- * **Digests & Liquefies Waste**
- * **Instantly Eliminates Odors**
- * **Extremely Powerful**
- * **Solubilizes Grease**
- * **Activates Drain Lines & Grease Traps**

WARNING

KEEP OUT OF REACH OF CHILDREN
See side panel for additional precautionary statements
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY

Net Contents 32 fl. oz. (960 ml)

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR1910.1200).

FIRST AID:

IF IN EYES: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.

IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water/ shower. Call a POISON CENTER or doctor and/or a physician. Remove and wash contaminated clothing before reuse.

IF INHALED: Move person to fresh air; if effects occur, consult a physician.

IF SWALLOWED: Clean mouth with water and afterwards drink plenty of water.

INGREDIENTS (CAS#): There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, that are classified as hazardous to health or the environment and hence require reporting in this section.

HMIS RATING: Health: 0, Flammability: 0, Reactivity: 0, Personal Protection: B



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Alpharetta, GA 30004
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Odor Control: Directly spray onto problem surfaces and fibers until soaked using a trigger sprayer. Allow to air-dry.

BIO-FRESH LINEN

WASTE LIQUEFIER & ODOR ELIMINATOR

CULTURED, LIVE, LIQUID BACTERIA ENZYMES BIOACTIVE SOLUBILIZING AGENTS INSTANT ODOR CONTROL

- * Digests & Liquefies Waste
- * Instantly Eliminates Odors
- * Extremely Powerful
- * Solubilizes Grease
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IF INHALED: Move person to fresh air; if effects occur, consult a physician.

IF SWALLOWED: Clean mouth with water and afterwards drink plenty of water.

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HMIS RATING: Health: 0, Flammability: 0, Reactivity: 0, Personal Protection: B



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