NSF
Nonfood Compounds
Program Listed (L2)
(141412)

InVade™ technology Bio Drain™

green zone™

Thickened Gel Formula for Direct Application to Drains

InVade™ Bio Drain™ is a specialized drain cleaner which uses premium natural microbes and citrus oil. Its thickened formula clings to the sides of drains while eating through scum and eliminating odors.



- No harsh chemicals or odors
- For application directly to drains
- May also be used with power sprayers, hose-end sprayers and mopping applications
- Works great in beverage fountain drip tray lines, eats away at the "sugar snake" which typically clogs lines

Product Codes:

IBDC032: 1 quart bottle (8 applications)

IBDC128: 1 gallon jug (32 applications)

IBDC005: 5 gallon pail

IBDC055: 55 gallon drum

InVade™ technology
Bio Drain™

Cleans Without Harsh Chemicals or Odors

DIRECTIONS FOR USE

InVade™ Bio Drain™ contains premium, natural, scum-eating, odor eliminating microbes, and citrus oil in a thickened formula to coat the sides of drains. Moisten drain with warm water (1-2 gal) before treatment if not used regularly and apply at low drain usage times of the day. Apply 4 oz to each drain around the edges to coat the sides. For start up, the product should be applied every other day for the first week. Thereafter, one weekly dose should be sufficient. InVade Bio Drain can also be used to treat 'sugar snake' in soda fountain drip trays. Apply about 1 oz to each drain weekly. For mopping applications, apply 4 oz per standard mop bucket. For other surface cleaning, such as dumpsters, trash chutes and urinals, use 4-8 oz per gallon of water and apply with a sprayer. To foam the product, place 4-8 oz in a gallon of water and add 2-4 oz of foaming agent and apply using a foamer. InVade Bio Drain may also be used in power sprayer systems or hose end sprayers at a rate of about ½ to 2 oz per gallon of water. This product will not be harmed if blended with an IGR and/or pyrethroid or non-repellent insecticide. The applicable pesticide label must be followed in this instance.

Precautions: Keep out of reach of children. If more than an incidental amount is swallowed, seek medical attention immediately. Give one glass of water and do not induce vomiting. Wash hands well after use. If in eyes, remove contacts and flush with water for 15 minutes. Seek medical attention for any persistent irritation. Store in a closed, appropriately labeled container between 35 and 95 °F.

Net Contents: 1,5,55 Us Gallons

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Rockwell Labs Ltd
creating microbial miracles

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816-283-3167
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InVade Bio Drain MSDS Information

Section 1: Identification:
Product Name: InVade™ Bio Drain
Manufacturer: Rockwell Labs Ltd
Revised By: TJF 12/11
1257 Bedford Ave., N Kansas City, MO 64116
Telephone: 866 788 4101 Emergency: 800 858 7378

Section 2: Hazardous Ingredients:
(Per 29 CFR 1910.1200) CAS No. % TWA STEL
Material: None N/A

Section 3: Composition Information: The product is composed of bacillus bacteria, citrus oil, emulsifier, and gelling agent.

Section 4: First Aid Measures: Skin Contact: Wash with soap and water. Ingestion: Contact physician immediately. DO NOT induce vomiting. Rinse mouth with water then drink one glass of water. Eye Contact: Flush with water for 15 minutes. For any persistent irritation, contact a physician. Inhalation: If symptoms result, remove to fresh air.

Section 5: Fire Fighting Measures: Extinguishing Media: carbon dioxide, foam, or dry chemical; Flash Point: N/A; Flame Extension: N/A; Auto Ignition: N/A; Smother to exclude air. Wear positive pressure self-contained breathing apparatus approved by NIOSH/MSHA. Smoke may be acrid and fume irritating. Flammability limits in air, % by vol: N/A; Unusual fire or explosion hazards: Fire and explosion hazards are considered minor.

Section 6: Accidental Release Measures: Wipe up and dispose of in proper container. Large spill: contain spill and soak up with absorbent material and place in proper disposal container. Clean the area with detergent and water.

Section 7: Handling and Storage: Store in closed containers, at or below room temperature. Do not freeze. Store away from excessive heat, direct sunlight, and out of reach of children, pets, or wildlife. Do not contaminate food or feed products during storage and disposal.

Section 8: Exposure / Personal Protection: Gloves are recommended. Ventilation: not required; Respirator: use mist-respirator if sprayed in area that is not well-ventilated; Eye protection: Chemical splash goggles recommended.

Section 9: Physical and Chemical Properties: Vapor Pressure: not known; Vapor Density: not known;
pH: 3.8-4.5; Viscosity: not known; Percent Volatiles by Volume (25˚C): 7-10%; Appearance: orange, translucent liquid;
Odor: fresh oranges; Specific Gravity: 1.05; Solubility: emulsifies in water; Evaporation Rate: similar to water

Section 10: Stability and Reactivity: Stability: stable; Material Incompatibility: strong acids, oxidizers, and bactericidal compounds; Hazardous Polymerization: none known; Hazardous Decomposition Products: none known; Conditions to Avoid: excessive heat, strong acids and bases, and disinfectants.

Section 11: Toxicological Information: Eye Contact: may cause eye irritation; Skin Contact: prolonged or repeated exposure may cause drying or irritation; Ingestion: may cause vomiting and headache; Systemic/Other Effects: not known; Carcinogenicity: NTP –not listed; IARC Monographs – not listed; OSHA - not listed; AGIH – not listed.

Section 12: Ecological Information: Product is non-toxic to fish and marine invertebrates when used as directed.

Section 13: Disposal Considerations: Wastes resulting from use may be disposed of on site or at an approved waste disposal facility. Dispose of wastes in accordance with all Federal, State, and Local laws.

Section 14: Transport Information: DOT Shipping Name: None required; DOT Hazard Class (49 CFR 172.101): non-hazardous; DOT Labels: not required; Freight classification: LTL Class 60

Section 15: Regulatory Information: This product contains no substances reportable by CERCLA or SARA Title III Section 313, Section 302, or Section 311/312.

Section 16: Other Information: Warranty: The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Rockwell Labs Ltd provides no warranties, express or implied, and assumes no responsibility for the accuracy and completeness of the data contained herein. This information is offered for your consideration and investigation. The user is responsible to ensure that they have all data relevant to their particular use.