

# InVade<sup>™</sup> technology Bio Remediation<sup>™</sup>



## Super-Concentrated Microbes for a Variety of Applications

Containing nothing but super-concentrated premium microbe spores, InVade<sup>™</sup> Bio Remediation<sup>™</sup> provides exceptional grease trap maintenance and bio remediation for a wide range of applications. Its formula is completely natural, non-pathogenic and biodegradable.

- Ideal for grease trap maintenance or slow drains
- Uses include organic odor elimination on surfaces, fabrics and carpets, manure pit and livestock waste treatment, compost acceleration and many other applications when general waste digestion is desired
- Designed to integrate with InVade<sup>™</sup> Mini Doser<sup>™</sup> (page 40) for drain and grease trap application
- Can prevent costly nozzle clogs in mosquito or other misting systems



### Product Code:

**IBRC016: 16 oz bottle**

**IBRC128: 1 gallon jug**

## InVade<sup>™</sup> technology Bio Remediation<sup>™</sup>

**Cleans Without Harsh Chemicals or Odors**

**DIRECTIONS FOR USE**  
For use with the InVade<sup>™</sup> Mini Doser for Grease Trap Remediation:  
Place the jug of InVade Bio Remediation in the wall mounted basket included with the InVade Mini Doser. Place the feed tube from the Mini Doser down into the jug of Bio Remediation. The amount of concentrate used depends on the trap size. It is most common to have the Mini Doser come on once per day during a low flow period, e.g. middle of the night. For maintenance of small traps or interceptors (up to 500 gallons), a one gallon jug of InVade Bio Remediation should last 90 days. For larger traps or more extreme conditions, more frequent and/or longer pump intervals should be used requiring more frequent replacement of

InVade Bio Remediation.  
**For mosquito misting systems:**  
Use one pint of InVade BR in a 55 gallon drum to prevent or treat scum build-up which clogs the misting system. InVade BR has many other uses. Contact us for recommendations.  
**Other applications:** Bio Remediation can be diluted 20:1 for most other applications.  
**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.

16 oz, 1 gal



North Kansas City, MO 64116  
816-283-3167  
www.rockwelllabs.com

## InVade Bio Remediation MSDS Information

### Section 1: Identification:

Product Name: InVade<sup>™</sup> Bio Remediation  
Manufacturer: Rockwell Labs Ltd  
Revised By: TJJF 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 waste-digesting bacillus spores.

**Section 4: First Aid Measures:** Skin Contact: Wash with soap and water.

Ingestion: Contact physician immediately.  
Eye Contact: Flush with water for 15 minutes. For any persistent irritation, contact a physician. Inhalation: No known effects.

**Section 5: Fire Fighting Measures:** Extinguishing Media: water or foam as appropriate for surrounding materials; Flash Point: N/A; Flame Extension: N/A; Auto Ignition: N/A; Self contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. Keep fire-exposed containers cool with water spray. Use run-off diking for water. Flammability limits in air, % by vol: 1.1-19. Unusual fire or explosion hazards: Fire and explosion hazards are considered minor. 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: similar to water; Vapor Density: similar to water; pH: 3.8-4.5; Viscosity: not known; Percent Volatiles by Volume (25°C): not available; Appearance: light brown liquid; Odor: virtually none; Specific Gravity: 1.32-1.36; Solubility: water miscible; Evaporation Rate: similar to water

**Section 10: Stability and Reactivity:** Stability: stable; Material Incompatibility: strong acids and bactericidal compounds; Hazardous Polymerization: will not occur; 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: virtually non-toxic; Ingestion: may cause gastrointestinal symptoms; Inhalation: virtually non-toxic; Systemic/Other Effects: not known; Carcinogenicity: NTP –not listed; IARC Monographs

– not listed; OSHA - not listed; AGIH – not listed.

**Section 12: Ecological Information:** Do not apply directly to water or to areas where surface water is present. Do not contaminate water when disposing of product.

**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 50

**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.