

# InVade™ technology Bio Zap™



## Stain, Odor and Excrement Remover for Carpet, Fabric and Hard Surfaces

InVade™ Bio Zap™ is a versatile, ready-to-use probiotic liquid for quickly eliminating organic odors at the source. Formulated with InVade™ Technology, exceptional results are obtained on a variety of surfaces without any harsh chemicals or odors.

- Ideal for carpets, walls and fabrics, may also be used in garbage receptacles and restrooms
- Eliminates organic odors from animals or other sources on surfaces such as gravel, soil, crawl spaces, concrete basements and garages or insulation in attics
- Great for neutralizing bird droppings
- Contains citrus oil for a light and fresh scent
- Natural, biodegradable and non-pathogenic
- Suitable for fogging in applications such as crawl spaces



**Product Codes:**  
**IBZO032: 32 oz bottle with sprayer**  
**IBZO128: 1 gal jug**

InVade™  
technology  
**Bio Zap™**

**Works  
Without Harsh  
Chemicals or  
Odors**

### Eliminates Organic Odors at the Source

**Directions for Use**  
 InVade™ Bio Zap™ contains premium, natural, scum-eating, odor eliminating microbes. Citrus oil provides a fresh and pleasant scent. Product may be diluted with 1 to 2 parts water for spraying in an ongoing maintenance program. Spray walls, floors, carpets and fabrics where pet, smoke, dead animal, skunk or excrement odors originate, just to the point of wetness. Always check a small area for color fastness before use. Rinse garbage receptacles with water and then spray product liberally onto surfaces. Spray gravel or soil surfaces in crawl spaces, concrete in basements or garages and other areas where sewage or wildlife have left odors. Spray into cracks, crevices, on floors, in garbage receptacles, bathroom walls, voids

and urinals to eliminate odors. InVade Bio Zap may also be fogged into crawlspaces. Do not apply to direct food contact surfaces.  
**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 qt, 1 US Gallon**

 **Rockwell Labs Ltd**  
creating microbial miracles

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

## InVade Mop Clean MSDS Information

### Section 1: Identification:

Product Name: InVade™ Bio Zap™  
 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 waste-digesting bacillus spores, citrus oil, and emulsifier.

### 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: similar to water; Percent Volatiles by Volume (25 °C): <2%; Appearance: pale yellow, translucent liquid; Odor: fresh oranges; Specific Gravity: 1.00; 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.