InVade™ bio cleaner

MSDS

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Product Trade Name: InVade Bio Cleaner
Common Name: waste-digesting microbes
Use: Surface spray and mop cleaner to disgest organic waste and eliminate odors
EPA Reg. No.: not applicable
Composition: The product is composed of waste-digesting bacillus spores, citrus oil, emulsifier and surfactant

SECTION I - INGREDIENTS

concentrate of soil bacteria spores (Bacillus), citrus oil, emulsifier and surfactant (ethoxylates, polyethylene glycol) < 2%

SECTION II - PHYSICAL PROPERTIES

Form: liquid
Color: orange, translucent
Odor: fresh oranges
Specific Gravity: 1.02
Solubility: emulsifies in water
% Volatiles by Volume (25 °C): 7-10%
Vapor Pressure: not known
Vapor Density: not known
Viscosity: not known
pH: 3.8-4.5
Evaporation Rate: similar to water
Water Reactivity: N/A

SECTION III - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Test Method): N/A
Flammable Limit: N/A
Auto Ignition Temp.: N/A
Extinguishing Media: carbon dioxide, foam or dry chemical
Special Fire Fighting Procedures and Personnel Protection: Do not use water. Smother to exclude air. Wear positive pressure self-contained breathing apparatus approved by MSHA/NIOSH. Smoke may be acrid and fume irritating.
Unusual Fire and Explosion Hazards: The fire and explosion hazards are considered very minor.

SECTION IV - HEALTH HAZARD DATA

The product may be harmful if swallowed and may cause eye irritation. Avoid contact with eyes. Avoid ingestion.

Primary Route(s) of Entry: Ingestion
Signs and Symptoms of Over-Exposure: Ingestion may cause vomiting and headache.
Chronic Effects: Prolonged or repeated skin exposure can cause drying and irritation.
Emergency and First Aid Procedures:
If in Eyes: Flush with water for at least 15 minutes and contact a physician if any persistent irritation results.
If Swallowed: Contact a physician immediately. DO NOT induce vomiting. Rinse mouth with water then drink one glass of water.
If on Skin: Wash with soap and water.
If Breathed: If symptoms result, remove to fresh air.

SECTION V - PERSONAL PROTECTION MEASURES

Respirator Type: use mist-respirator if sprayed in area that is not well-ventilated
Eye Protection: safety glasses recommended
Gloves: recommended
Ventilation: not required
Other Protective Measures: Wash clothing before re-use.

SECTION VI - REACTIVITY DATA

Stability Under Normal Conditions: Stable
Hazardous Polymerization: None known
Conditions to Avoid: Excessive heat, strong acids and bases, disinfectants
Incompatibility (Materials to Avoid): Strong acids, oxidizers and bactericidal compounds
Hazardous Decomposition Products: None known

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in the Event Material is Spilled or Released:
Small Spill: 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.
Waste Disposal Procedures: 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 VIII - STORAGE AND HANDLING PRECAUTIONS

Storage Temperature: Room temperature or cooler. Do not freeze. Average Shelf Life: Three years in original container at room temperature.
Special Sensitivity (Heat, Light, Moisture): Avoid prolonged exposure to excessive heat and direct sunlight.
Special Precautions to be Taken in Handling and Storage: Store in original container away from excessive heat or direct sunlight and out of reach of children, pets or wildlife. Do not contaminate food or feed products during storage and disposal.

SECTION IX - SHIPPING INFORMATION

DOT Shipping Name: None required
DOT Hazard Classification: Non-Hazardous
DOT Labels Required: None required
Freight Classification: LTL Class 60

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