



**IVORYCHEM PTE LIMITED**  
15 Beach Road #02-09, Beach Centre  
Singapore 189677  
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Email: [contact@ivorychem.com](mailto:contact@ivorychem.com)  
Web: [www.ivorychem.com](http://www.ivorychem.com)  
Co. Registration No. 200405572W  
GST Registration No. 200405572W

## MATERIAL SAFETY DATA SHEET

### ENVIURE DISINFECTANT

**Version:** Global  
**Date Approved:** 08/13/1998  
**Revision No:** 1

#### CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ENVIURE® DISINFECTANT  
**ACTIVE INGREDIENT:** Enilconazole

#### MANUFACTURER

IVORYCHEM PTE LTD  
15 Beach Road, #02-09  
Beach Centre  
Singapore 189677  
Tel: +65 63377765  
Fax: +65 63377730

#### Emergency Telephone Numbers:

**Emergency Phone** [contact@ivorychem.com](mailto:contact@ivorychem.com) (Please refer local label for Emergency Numbers in your region).

#### COMPOSITION / INFORMATION ON INGREDIENTS

**COMPOSITION:**

- ENILCONAZOLE (R23979) – 15%  
Hazard symbols: Xn  
R-phrases: R 22
- BENZYL ALCOHOL: not known  
Hazard symbols: Xn  
R-phrases: R 20/22
- SODIUM DIOCTYL SULFOSUCCINATE: not known  
Hazard symbols: Xi  
R-phrases: R 36/38

#### HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

Flammable. Risks of serious damage to eyes.

#### FIRST AID MEASURES

**EYES:** Flush eye immediately with large amounts of water for 20 minutes. Keep eyelids open and let the eyes rotate in all directions. Contact medical service or doctor immediately.

**SKIN:** Remove contaminated clothing immediately and wash skin generously with soap and water. In case of irritation or pain, contact medical service or doctor.



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**INGESTION:** Wash out mouth with water. Contact medical service or doctor immediately.  
**INHALATION:** Remove victim from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer oxygen, if available. If victim is not breathing, administer CPR (cardio-pulmonary resuscitation). If breathing difficulty or discomfort occurs and persists, contact a medical doctor. Seek medical attention.

### FIRE FIGHTING MEASURES

**FLASH POINT:** 51°C  
**AUTO-IGNITION TEMPERATURE:** Not known  
**EXPLOSION RANGE VOL. % IN AIR:** LEL not known  
**OXIDIZING PROPERTIES:** Not known  
**SHOCK SENSITIVITY:** Not known  
**FRICTION SENSITIVITY:** Not known  
**THERMAL SENSITIVITY:** Not known

### ACCIDENTAL RELEASE MEASURES

**EVACUATION PROCEDURES AND SAFETY:** Wear appropriate gear for the situation. See Personal Protection information in Section 8.  
**CLEANUP AND DISPOSAL OF SPILL:** Isolate area and keep unauthorized people away. Do not walk through spilled material. Avoid breathing vapors and skin contact. Remove sources of ignition if combustible or flammable vapors may be present and ventilate area. Wear protective equipment. Dike contaminated area with absorbent granules, soil, sand, etc. If there is a large spill, material should be recovered. Small spills can be absorbed with absorbent granules, spill control pads, or any absorbent material. Carefully sweep up absorbed spilled material. Place in covered container for reuse or disposal. Scrub contaminated area with detergent and bleach solution and/or detergent and lye in water solution. Repeat. Rinse with water. Use dry absorbent material such as clay granules to absorb and collect wash solution for proper disposal. Contaminated soil may have to be removed and disposed. Do not allow material to enter streams, sewers or other waterways or contact vegetation.  
**CONTAINMENT OF SPILL:** Follow procedure under Cleanup and Disposal of Spill.

### HANDLING AND STORAGE

**HANDLING PROCEDURES:** Do not ingest. Avoid direct or prolonged contact with skin and eyes. Do not breathe vapors.  
**STORING PROCEDURES:** Store in original container. Keep in a dry, cool place. Store in an area that is away from foodstuffs or animal feed, out of reach of children and animals.  
**WORK/HYGIENIC PROCEDURES:** Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material. Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics or using the toilet. Wash exposed skin promptly to remove accidental splashes of contact with this material.  
In addition, based upon the specific hazard of this product. Do not take clothing/objects contaminated by this material off the work site. Shower and change into street clothes before leaving the work site.  
**MIN/MAX STORAGE TEMPERATURES:** Not available



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### PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Light yellow liquid. Faint stale smell  
**CHEMICAL NAME:** ENILCONAZOLE  
**MELTING POINT:** Not known  
**BOILING POINT:** NA  
**VAPOR PRESSURE (20°C):** Not known  
**VAPOR DENSITY:** Not known  
**VISCOSITY:** Not known  
**RELATIVE DENSITY (10/4):** 1.094  
**SOLUBILITY IN WATER:** Not known  
**pH:** Not known  
**SOLUBILITY IN SOLVENTS:** Not known  
**PARTITION COEFFICIENT:** Not known  
**ADSORPTION COEFFICIENT:** Not available

### STABILITY AND REACTIVITY

**EXOTHERMICITY – LOWEST TEMPERATURE:** not known  
**GAS EVOLVING (>10 LITER GAS/KG BELOW 220°C):** Not known  
**LIGHT STABILITY:** Not known  
**THERMAL DECOMPOSITION:** Not known

### TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** Not known  
**LOCAL EFFECTS:** Not known  
**SUBCHRONIC TOXICITY:** Not known  
**CHRONIC TOXICITY:** Not known  
**CARCINOGENICITY:** Not known

### ECOLOGICAL INFORMATION

Not known

### DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

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ADR / RID:	Class 3 Letter 31 c	UN No 1993	Packing Group III	Label 3
IMDG	Class 3 Marine Pollutant: Not Known	UN No 1993	Packing Group III	Label 3
ICAO/IATA	Class 3	UN No 1993	Packing Group III	Label 3

Proper Technical Name: Flammable Liquid, N.O.S (Enilconazole Emulsion)

**REGULATORY INFORMATION****OTHER INFORMATION**

Section(s) Revised : New Format