

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name ZEPYNAMIC A HOSPITAL
DISINFECTANT

Product use Aerosol Disinfectant

Product code 0110

Date of issue 03/04/08 **Supersedes** 10/08/04

This product is a registered pesticide. EPA ID No. 44446-67-1270

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls
Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By
Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Printing date: 03/04/08

Section 2. Hazards Identification

Emergency overview

*Hazard Determination System (HDS): Health, Flammability, Reactivity

WARNING

CAUSES EYE IRRITATION. MAY BE HARMFUL IF SWALLOWED.

FLAMMABLE. CONTENTS UNDER PRESSURE.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Eye contact. Inhalation.

Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin Direct contact may cause irritation and redness. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation Avoid breathing vapors, spray or mists. Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system (CNS) depression.

Ingestion May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage. Can cause central nervous system (CNS) depression.

Chronic effects

Prolonged or repeated contact may dry skin and cause irritation. Contains material which may cause damage to the following organs: kidneys, liver, central nervous system (CNS).

Carcinogenicity Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS number</u>	<u>% by Weight</u>
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	53
HYDROCARBON PROPELLANT; blend of propane & isobutane	75-28-5; 74-98-6	10 - 20

Section 4. First Aid Measures

Eye Contact Flush eyes with plenty of water for 15 minutes, occasionally lifting upper and lower eyelids. Check for and remove any contact lenses. Get medical attention immediately.

Skin Contact In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation Move exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point

Open cup: 20°C (68°F).

Flammable Limits

Not available.

Flammability

FLAMMABLE. (CSMA)

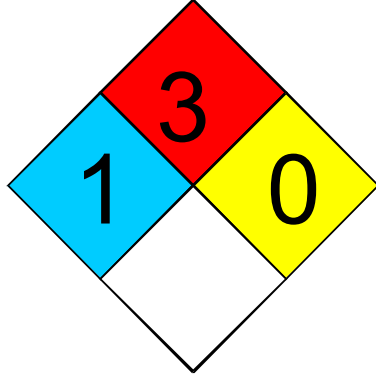
Fire hazard

CONTENTS UNDER PRESSURE. Container explosion may occur under fire conditions or when heated.

Fire-Fighting Procedures

Use an extinguishing agent suitable for the surrounding fire. Cool closed containers exposed to fire with water.

National Fire Protection Association (U.S.A.)



Section 6. Accidental Release Measures

Spill Clean up

Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling

Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Do not ingest. Wash thoroughly after handling. Apply this product only as specified on the label.

Storage

CONTENTS UNDER PRESSURE. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name

ETHANOL; ethyl alcohol; grain alcohol

Exposure limits

ACGIH TLV / OSHA PEL (United States).
TWA: 1000 ppm 8 hour(s).

HYDROCARBON PROPELLANT; blend of propane & isobutane

ACGIH TLV / OSHA PEL (United States). Notes: Propane
TWA: 1000 ppm 8 hour(s).

Personal Protective Equipment (PPE)

Eyes

Safety glasses.

Body

For prolonged or repeated handling, use gloves Recommended:
Neoprene gloves. Nitrile gloves. Rubber gloves.

Respiratory

Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.



Section 9. Physical and Chemical Properties

Physical State

Liquid. [Aerosol.]

pH

Not available.

Boiling Point

73.88°C (165°F)

Specific Gravity

0.83

Solubility

Easily soluble in the following materials: cold water and hot water.

Color

Clear. Colorless to light yellow.

Odor

Floral. Pleasant.

Vapor Pressure

5.9 kPa (44 mm Hg)

Vapor Density

1 [Air = 1]

Evaporation Rate

>1 (Butyl acetate. = 1)

VOC (Consumer)

606.51 (g/l). 5.06 lbs/gal 73.2%

Section 10. Stability and Reactivity

Stability and Reactivity

The product is stable.

Incompatibility

Keep away from heat, sparks and flame. Reactive or incompatible with the following materials:
oxidizing materials.

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

carbon oxides (CO, CO₂)

Section 11. Toxicological Information

Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Ethanol	LD50 Oral	Rat	7060 mg/kg	-
	LC50 Inhalation Vapor	Rat	20000 mg/m³	4 hours

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations

Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: D001
Classification: - [Hazardous waste.]
Origin: - [RCRA waste.]

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification		Consumer commodity	ORM-D	-	
IMDG Class	Not determined.				

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information

U.S. Federal Regulations

SARA 313 toxic chemical notification and release reporting:
No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.