

1. Product and Company Identification

Product Code: VPL-XENODINE
Product Name: XENODINE
Manufacturer Information
Company Name: Distributed by:
Veterinary Products Laboratories
P.O. Box 34820
Phoenix, AZ 85067-4820
Emergency Contact: CHEMTREC (800)424-9300
Information: (888)241-9545
Chemical Family: Glycol-Iodine Composition
Synonyms
Polyhydroxydine Solution
Additional Identity Information
92200

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
1. Iodine	7553-56-2	1.0 %	No data.	No data.
2. Ethylene glycol	107-21-1	10.0 -25.0 %	No data.	No data.
3. PROPYLENE GLYCOL	57-55-6	50.0 -75.0 %	No data.	No data.

3. Hazards Identification

Emergency Overview

KEEP OUT OF REACH OF CHILDREN

Route(s) of Entry: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes

Potential Health Effects (Acute and Chronic)

None known

LD 50 / LC 50

Oral LD50(in rats)= 17.1 g/kg

Signs and Symptoms Of Exposure

None known

Medical Conditions Generally Aggravated By Exposure

No data available.

Additional Hazards Information

Acute Dermal in rabbit > 2.2 gm/kg (not toxic)

Eye irritation rabbit + Non-irritating to lens, iris, conjunctiva

4. First Aid Measures

Emergency and First Aid Procedures

IF INGESTED: Dilute by giving 2 glasses of water to drink and call a physician. Never administer anything by mouth to an unconscious person.

IF ON SKIN: Immediately flush affected areas with large volumes of water and continue for at least 15 minutes. Remove contaminated clothing; wash before reuse. Get prompt medical attention.

5. Fire Fighting Measures

Flash Pt: NA
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: NA

Fire Fighting Instructions

N/A

Flammable Properties and Hazards

None known

Hazardous Combustion Products

None known

Extinguishing Media

N/A

Unsuitable Extinguishing Media

None known

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. Handling and Storage

Precautions To Be Taken in Handling

No data available.

Precautions To Be Taken in Storing

Store indoors at room temperature. Protect from light and humidity.

8. Exposure Controls/Personal Protection

Respiratory Equipment (Specify Type)

None required

Eye Protection

Splash proof safety goggles

Protective Gloves

Impervious gloves

Other Protective Clothing

No data available.

Engineering Controls (Ventilation etc.)

Good general ventilation should be sufficient to control airborne levels.

Work/Hygienic/Maintenance Practices

Wash hands before eating, drinking, smoking, or using restroom.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Melting Point: NA
Boiling Point: 374.00 F
Autoignition Pt: NA
Flash Pt: NA
Specific Gravity (Water = 1): 1.062500 at 20.0 C
Vapor Pressure (vs. Air or mm Hg): N.A.

MATERIAL SAFETY DATA SHEET

XENODINE

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Revision: 06/21/2011

Supercedes Revision: 08/30/2007

Vapor Density (vs. Air = 1): N.A.
Evaporation Rate (vs Butyl Acetate=1): N.A.
Solubility in Water: No data.

Solubility Notes

Miscible

Percent Volatile: 1.0 % by weight.

Appearance and Odor

Orange-brown homogeneous liquid with slight odor of iodine and glycol

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

None known

Incompatibility - Materials To Avoid

None known

Hazardous Decomposition Or Byproducts

None known

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

Product will not undergo polymerization.

11. Toxicological Information

Not toxic

Chronic Toxicological Effects

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Iodine	7553-56-2	n.a.	n.a.	n.a.	n.a.
2. Ethylene glycol	107-21-1	n.a.	n.a.	A4	n.a.
3. PROPYLENE GLYCOL	57-55-6	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available

13. Disposal Considerations

Waste Disposal Method

Triple rinse container. Dispose of empty container and any spilled product according to local, State, and Federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name Not regulated as hazardous by U.S. DOT.

DOT Hazard Label: None

Additional Transport Information

No data available.

15. Regulatory Information

No data available.

16. Other Information

Company Policy or Disclaimer

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.