

## SECTION 1: IDENTIFICATION

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Product Name	Histamine Dihydrochloride, 10mg/mL in 50% Glycerin
Product Code(s)	7099ED
Use	Pharmaceutical (Biological) Product Jubilant HollisterStier
Company	3525 N. Regal St. Spokane WA. 99207 USA
Telephone	1-800-992-1120
Emergency Phone	1-800-992-1120
Chemtrec Phone	1-800-424-9300

## SECTION 2: HAZARDS IDENTIFICATION

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<b>Classification</b>	Pharmaceutical Product Materials are not chemically hazardous under 29 CFR 1910.1200 evaluation guidelines.
<b>Label elements</b>	May cause irritation of the eyes, skin, or respiratory tract.
<b>Other hazards</b>	Additional care should be exercised in handling by individuals who are allergic as product may cause symptoms ranging from mild respiratory, oral, conjunctival irritation to serious systemic reactions including anaphylaxis

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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<b>Synonyms</b>	Histamine Dihydrochloride	
<b>Hazardous component:</b>	<b>Nonhazardous components:</b>	
Phenol: Classification N/A, Concentration N/A	Glycerine: Eye irritant, Class 2b, 50% concentration	Histamine: Classification N/A, Concentration N/A

## SECTION 4: FIRST AID MEASURES

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**General advice:** Consult a physician. Show this safety data sheet to the doctor. Remove patient from dangerous area.

**Inhaled:** If vapors or mist inhaled, move person to fresh air. If not breathing, give artificial respiration. Consult a physician immediately.

**Skin:** Wash with soap and plenty of water. Consult a physician.

**Eye:** Flush eyes with water. Consult a physician

**Ingested:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

## SECTION 5: FIREFIGHTING MEASURES

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**Extinguishing Media:** Water spray, alcohol-resistant foam, dry chemical or CO2

**Specific hazards:** No data available

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Personal precautions, protective equipment and emergency procedures** Use personal protective equipment. Avoid breathing vapors, mist, or gas. Avoid spillage. Ensure adequate ventilation. For personal protection see Section 8.

**Containment and clean up:** Wear gloves. Dilute with water and absorb with an inert dry material or mop. Place in an appropriate waste disposal container (see Section 13).

## SECTION 7: HANDLING AND STORAGE

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**Safe handling:** Avoid skin contact. For precautions see Section 2.

**Safe storage:** Keep container tightly closed in a dry and well ventilated place. Store between 2°C to 8°C

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Engineering controls:** Handle in accordance with good industrial hygiene and safety practice. After handling wash hands, especially before breaks and at the end of workday

**Eye/face protection:** Safety glasses with side-shields conforming to EN166.

**Skin protection:** Handle with gloves. Gloves should be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws.

**Body protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances and to the specific workplace.

**Respiratory protection:** Not required

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	Liquid, varying colors among allergenic extracts
Upper/lower Flammability or explosive limits	Lower: Unknown Upper: Unknown
Odor	Slight odor to odorless
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Melting Point/ Freezing Point	No data available
Solubility	Soluble
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Partition Coefficient: n-octane/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Specific Gravity	No data available
Viscosity	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available

## SECTION 10: Stability and Reactivity

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**Reactivity:** no data available

**Chemical stability:** Stable under recommended storage conditions of 2°C - 8°C

**Hazardous reactions:** No data available

**Conditions to avoid:** No data available

**Incompatible materials:** No data available

**Hazardous decomposition products:** In the event of a fire, see Section 5.

## SECTION 11: TOXICOLOGICAL INFORMATION

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**Acute Toxicity:** No data available

**Inhalation:** No data available

**Dermal:** No data available

**Skin corrosion/irritation:** No data available

**Serious eye damage/eye irritation:** Mild eye irritant

**Respiratory or skin sensitization:** Mild skin irritant and respiratory sensitizer

**Germ cell mutagenicity:** No data available

**Carcinogenicity:**

IARC - No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

ACGIH - No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH

NTP - No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP

OSHA - No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA

## **SECTION 12: ECOLOGICAL INFORMATION**

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**Toxicity** No data available

**Persistence and degradability:** No data available

**Bio accumulative potential:** No data available

**Mobility in soil:** No data available

**PBT and vPvB assessment:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects:** No data available

## **SECTION 13: DISPOSAL INFORMATION**

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**Waste treatment methods**

Offer surplus and non-recyclable solutions to a licensed disposal company or dispose of product in accordance with local, state, and federal regulations

**Contaminated packaging:** Dispose of as unused packaging in accordance with local environmental, state and federal regulations

## **SECTION 14: TRANSPORT INFORMATION**

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**DOT (US):** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

## **SECTION 15: REGULATORY INFORMATION**

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**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

**SARA 313 Components:** This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels by SARA Title III, Section 313

**California Prop. 65 Components:** This product does not contain any chemicals known by the State of California to cause cancer, birth defects, or any other reproductive harm

## **SECTION 16: OTHER INFORMATION**

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Prepared November 19, 2015

Revision 1