



Safety Data Sheet

▪ Section 1. Chemical Product and Company Identification

Product Identification

Product Name: Theracyn Wound & Skin Care Hydrogel

SDS: 31097-16

Use: For cleaning wounds, cuts, lacerations, skin irritations, skin ulcers, post-surgical incision sites, hot spots, burns, scratches, rashes, irritated skin and wound odors. Safe for use on poultry, horses, cattle, goats, and sheep.

Restrictions on use: For external use only. Not for injection. For animal use only. Not for human use.

Company Identification:

Oculus Innovative Sciences

1129 North McDowell Blvd

Petaluma, CA 94954 USA

1-800-759-9305 (For emergencies and product information)

▪ Section 2. Hazard(s) Identification

Not Hazardous to Humans and Animals.

HMIS Rating - Health: 0; Flammability: 0; Reactivity: 0; Personal Protection Index: A

NFPA Rating - Health: 0; Flammability: 0; Reactivity: 0; Special Hazard: None

NFPA/HMIS Definitions:

- 0-Least**
- 1-Slight**
- 2-Moderate**
- 3-High**
- 4-Extreme**

These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

Hazardous and/or Regulated Components

None.

Hazards Disclosure

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. These materials are in such low concentration as to present no risk.

As defined under SARA 311 and 312, this product contains known hazardous materials. These materials are in such low concentration as to present no risk.

POTENTIAL HEALTH EFFECTS

EYE: No hazards expected in normal use at room temperature.

SKIN: No hazards expected in normal use at room temperature.

INHALATION: No hazards expected in normal use at room temperature. Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

INGESTION: No hazards expected in normal use at room temperature.

CARCINOGENICITY INFORMATION: No known cancer hazards.

▪ **Section 3. Composition and Information on Ingredients**

Water, Hypochlorous Acid (HOCl), Sodium Hypochlorite (NaOCl), Sodium Chloride (NaCl), Sodium Phosphate, and Sodium Magnesium Fluorosilicate.

▪ **Section 4. First-Aid Measures**

EYE CONTACT FIRST AID: Although this product is not known to cause eye irritation, if eyes become irritated, hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID: Although this product is not known to cause skin irritation, if skin becomes irritated, immediately wash skin with plenty of soap and water while removing contaminated clothing and shoes. Seek medical attention if irritation worsens or persists.

INHALATION FIRST AID: Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen. Seek medical attention if cough or other symptoms develop.

INGESTION FIRST AID: Although this product is not known to cause ingestion problems, if ingested, drink plenty of tap water. Seek medical attention if gastric distress develops.

STATEMENT OF PRACTICAL TREATMENT: Always have plenty of water available for first aid.

NOTES TO PHYSICIAN: Treat patient symptomatically.

▪ **Section 5. Fire-Fighting Measures**

FLAMMABLE PROPERTIES

COC Flash Point: None

TCC Flash Point: None

Auto-ignition Temperature: None

FLAMMABLE LIMITS IN AIR

LEL: None

UEL: None

EXTINGUISHING MEDIA: Material will not burn.

FIRE & EXPLOSION HAZARDS: Material will not burn.

▪ **Section 6. Accidental Release Measures**

SAFEGUARDS: None required.

▪ **Section 7. Handling and Storage**

RECOMMENDED STORAGE TEMPERATURE: Ideal Storage is at Room Temperature (20-24°C).

HANDLING: No special handling requirements.

STORAGE: Store away from direct sunlight and heat. Do not freeze.

▪ **Section 8. Exposure Controls/Personal Protection**

Exposure limits: none specified.

Personal protection: none required, if splashed on clothing, may cause fading of some dyes.

▪ **Section 9. Physical and Chemical Properties**

FORM: Hydrogel

COLOR: Opaque in container, clear on the skin

ODOR: Minimal

BOILING POINT: >100° C

SOLUBILITY IN WATER: Forms dilute colloidal suspension

SPECIFIC GRAVITY: N/A

MELTING/FREEZING POINT: 0° C

pH: 6.2-7.8

% VOLATILES: Greater than 98%

▪ **Section 10. Stability and Reactivity**

REACTIVITY: Mild Oxidizer.

STABILITY: Stable.

POLYMERIZATION: Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS: Do not mix with products containing ammonia.

DECOMPOSITION: Decomposition will not occur.

CONDITIONS TO AVOID: This material is safe under normal storage and handling conditions. Do not freeze.

▪ **Section 11. Toxicological Information**

EYE EFFECTS: Not available.

ORAL LD₅₀: Water (90,000 mg/kg), Hypochlorous Acid (Not Determined), Sodium Hypochlorite (5800 mg/kg), Sodium Chloride (3000 mg/kg), Sodium Phosphates (8290 mg/kg), and Sodium Magnesium Fluorosilicate (8,000 mg/kg). No known hazards in normal use.

DERMAL LD₅₀: Water (Not Determined), Hypochlorous Acid (Not Determined), Sodium Hypochlorite (Not Determined), Sodium Chloride (10,000 mg/kg), Sodium Phosphates (Not Determined), and Sodium Magnesium Fluorosilicate (>2,000 mg/kg). No known hazards in normal use.

INHALATION LC₅₀: Water (Not Determined), Hypochlorous Acid (Not Determined), Sodium Hypochlorite (Not Determined), Sodium Chloride (42,000 mg/kg), Sodium Phosphates (Not Determined),

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and Sodium Magnesium Fluorosilicate (>1660 mg/kg). No known hazards in normal use.

▪ **Section 12. Ecological Information**

Presents no hazard to the environment.

▪ **Section 13. Disposal Considerations**

WASTE DISPOSAL: Flush to drain or sewer.

PRECAUTIONS TO BE TAKEN: None

▪ **Section 14. Transport Information**

UN NUMBER: None

PRODUCT LABEL: Theracyn Wound and Skin Care Hydrogel

D.O.T. SHIPPING NAME: Gel

TECHNICAL SHIPPING NAME: Gel

D.O.T: Not Regulated as Dangerous Goods

IMDG: Not Regulated as Dangerous Goods

IATA: Not Regulated as Dangerous Goods

PACKAGE CLASS: 70, PG III

▪ **Section 15. Regulatory Information**

For external use only, not for injection or consumption.

No known hazards in normal use.

▪ **Section 16. Other Information**

The data in this Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.