



Safety Data Sheet

■ Section 1. Chemical Product and Company Identification

Product Identification

Product Name: Levicyn™ Antimicrobial Dermal Spray

SDS: 31094-154, Rev 1

Use: RX: Under the supervision of a health care practitioner, Levicyn™ Antimicrobial Dermal Spray is intended for the cleansing, irrigation, moistening, debridement and removal of foreign material and debris from exuding wounds, acute and chronic dermal lesions including stage I-IV pressure ulcers, stasis ulcers, diabetic ulcers, post-surgical wounds, first- and second-degree burns, abrasions, minor irritations of the skin, diabetic foot ulcers, ingrown toe nails, grafted/donor sites and exit sites.

Restrictions on use: For irrigation only, not for injection. Federal (USA) Law restricts this device to sale by or on the order of a physician.

Company Identification:

Sonoma Pharmaceuticals, Inc.

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.



Safety Data Sheet

▪ Section 3. Composition and Information on Ingredients

Water (H₂O): CAS7732-18-5
Sodium Sulfate (Na₂SO₄): CAS7757-82-6
Monobasic Sodium Phosphate (NaH₂PO₄): CAS7558-80-7
Sodium Chloride (NaCl): CAS7647-14-5
Hypochlorous Acid (HOCl): CAS7790-92-3

▪ 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.



Safety Data Sheet

▪ Section 7. Handling and Storage

RECOMMENDED STORAGE TEMPERATURE:

Ideal Storage is at Room Temperature (e.g. 20-25° 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: Liquid

COLOR: Clear and Colorless

ODOR: Minimal

BOILING POINT: >100° C

SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY: 1.0 (Water = 1)

MELTING/FREEZING POINT: 0° C

pH: 4.0-5.5

% VOLATILES: greater than 98.8%

▪ 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: Sodium Chloride (Draize test rabbit, eye, 10 mg/24H moderate), Sodium Sulfate (slight as dust) others not available. No known hazards in normal use.

ORAL LD₅₀: Water (90,000 mg/kg), Sodium Chloride (rat: 3000mg/kg), Hypochlorous Acid (Not Determined), Sodium Sulfate (not determined, greater than 5000 mg/kg) No known hazards in normal use.

DERMAL LD₅₀: Water (Not Determined), Sodium Chloride (Draize test, rabbit, skin, 500 mg/24H, mild), Hypochlorous Acid (Not Determined), No known hazards in normal use.



Safety Data Sheet

INHALATION LC₅₀: Sodium Chloride (Rat >42 g/m³/1H), Sodium Sulfate (none reported) others not determined, 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: Levicyn™ Antimicrobial Dermal Spray

D.O.T. SHIPPING NAME: Water

TECHNICAL SHIPPING NAME: Water-Salt Solution

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.