



Material Safety Data Sheet

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2373087

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Section 1 Chemical Product and Company Identification

MSDS Name: Neosporin® Products
MSDS Number: WW025F00
Date of Issue: 11-04-97
Revision Number: 00

Company Contact/Telephone Number:
Warner-Lambert 717 627 2011
400 W. Lincoln Ave.
Lititz, PA 17543
United States

Section 2 Composition/Information on Ingredients

Bacitracin Zinc
CAS Number: 1405-87-4
Concentration Percent: <1%

Neomycin Sulfate
CAS Number: 1405-10-3
Concentration Percent: <1%

Polymyxin B Sulfate
CAS Number: 1405-20-5
Concentration Percent: <1%

Pramoxine Hydrochloride
CAS Number: 637-58-1
Concentration Percent: 1%

Section 3 Hazards Identification

Emergency Overview:	Warner-Lambert Occupational Hazard Labels Possible Eye Irritant
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Potential Health Effects

Eyes: Possible Eye Irritant. Eye contact may cause mild to moderate irritation.

Skin: Skin contact may cause mild irritation or rash in sensitive individuals.

Ingestion: Ingestion may cause gastrointestinal irritation.

Inhalation: This material is not an inhalation hazard under normal conditions of use.

Misc. Section 3 Information: If you do not understand the hazards or safety precautions described in this data sheet, contact the Warner-Lambert Company before handling this material.

Section 4 First Aid Information

Eyes: In case of contact, immediately flush eyes with water. Hold eyelids open to ensure adequate flushing. Get medical assistance if persistent irritation or other adverse symptoms develop.

Skin: In case of accidental contact, promptly wash exposed areas with soap and water. Get medical assistance if persistent irritation or other adverse symptoms develop.

Ingestion: Administer 1-2 glasses of milk or water to dilute ingested material. Get medical assistance if persistent irritation or other adverse symptoms develop.

Inhalation: This material is not an inhalation hazard under normal conditions of use.

Section 5 Fire Fighting Information

Flash Point (Method): Not Applicable
Autoignition Temperature: Not Determined
LEL (%): Not Applicable
UEL (%): Not Applicable

Fire and Explosion Hazards: This material is not a fire hazard under normal conditions of use.

Extinguishing Media: Fires involving this material may be extinguished with water spray, carbon dioxide (CO₂), dry chemical, or foam.

Fire Fighting Instructions: All fire fighting activities must be done by trained personnel and include the use of appropriate protective clothing.

Combustion Products: Hazardous combustion products may include hydrogen cyanide (HCN), carbon monoxide, and other oxidized and reduced forms of this material and its constituent elements. Combustion products are irritating and toxic. Avoid inhalation.

Section 6 Accidental Release Measures

Avoid contact with combustible materials. Move container away from spill if conditions are safe. Collect spilled material and place in an appropriate container for disposal.

Section 7 Handling and Storage Precautions

Store in a cool, dry, well ventilated area away from ignition sources and heat. Store in suitable labeled containers kept closed and protected from damage. Have emergency equipment (for fires, spills, etc.) readily available.

Work/Hygienic Practices: Use good personal hygiene and work practices. Avoid skin and eye contact. Wash hands before eating, drinking, smoking or using toilet facilities.

Section 8 Exposure Controls/Personal Protective Equipment

Engineering Controls: None required under normal conditions of use. If unusual exposures are expected, an industrial hygiene review of work practices and engineering controls is recommended.

Personal Protective Equipment

Eye/Face Protection: No eye/face protection required under normal conditions of use.

Skin Protection: No skin protection required under normal conditions of use.

Respiratory Protection: No respiratory protection required under normal conditions of use.

Misc. Section 8 Information: Manufacturing operations may require the use of engineering controls and personal protective equipment to control exposure to this material and/or its ingredients. Consult your local supervisor or safety administrator for more information.

Section 9	Physical and Chemical Properties
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Appearance:	Opaque ointment or white cream
Specific Gravity:	Not Determined
Flash Point:	Not Applicable
Autoignition Temperature:	Not Determined
LEL(%):	Not Applicable
UEL(%):	Not Applicable
Solubility (water):	Not Determined
Solubility (other):	Not Determined

Section 10	Stability and Reactivity Information
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Chemical Stability:	This material is stable under normal conditions of use.
Conditions to Avoid:	Keep away from ignition sources and heat.
Incompatible Materials:	Not Determined.
Hazardous Polymerization:	Hazardous polymerization will not occur under normal conditions of use.

Section 11	Toxicological Information
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NOTE: The following information pertains to the ingredients of this material and not to the product as marketed.

Bacitracin

Human/Clinical Toxicity: Bacitracin is an antibiotic agent used topically in the prevention or treatment of superficial skin infections. In some patients, application of bacitracin to the skin has been reported to cause rashes and allergic reactions. There are no other data available on the toxicity of this material.

Neomycin Sulfate

Human Clinical Toxicity: Neomycin sulfate is an aminoglycoside antibiotic administered topically or orally at doses ranging from 3-12 grams. It is not absorbed through intact skin, but is readily absorbed through broken skin. Neomycin sulfate is a contact sensitizer causing conjunctivitis, rash, redness, itching, and burning in about 5-15% of patients. A retrospective study found no evidence that use of neomycin during pregnancy adversely affects offspring.

Other Toxicological Information: No drug-induced birth defects have been seen in mice or rabbits following administration of this material. The mutagenic and carcinogenic potentials of this compound are unknown.

Polymyxin B Sulfate**Human/Clinical Toxicity:**

Polymyxin is an antibiotic administered parenterally or topically for the treatment of various types of infections. In humans, it has a low order of toxicity when taken by mouth or when applied to skin or mucous membranes, since it is not well absorbed by these routes. However, polymyxin may cause bronchial irritation and bronchospasm after inhalation. A retrospective study of seven exposed human pregnancies did not find any adverse effects related to the use of polymyxin.

Acute/Subacute Toxicity:

Rat Oral LD50: 750 mg/kg

Other Toxicological Information:

No drug-induced birth defects have been seen in rats or rabbits following administration of this material. The mutagenic and carcinogenic potentials of this compound are unknown.

Pramoxine Hydrochloride**Human/Clinical Toxicity:**

Pramoxine Hydrochloride is a local anesthetic used to relieve pain and discomfort associated with skin irritation, minor cuts and abrasions and hemorrhoids. It is used topically in creams, ointments, gels, lotions, and sprays, as well as rectally in suppositories. Adverse effects associated with the therapeutic use of Pramoxine HCl are mild and are usually limited to burning or stinging following application. Pramoxine HCl is irritating when used in the eyes and nose. It is not believed to be a sensitizer, although mild allergic reactions have occasionally been reported with repeated therapeutic use.

Acute/Subacute Toxicity:

Rat Oral LD50: 1050 mg/kg

Other Toxicological Information:

The mutagenicity and carcinogenicity of this compound, as well as its potential to cause reproductive toxicity, are unknown.

Section 12**Ecological Information**

No data are available on the adverse environmental effects of this material.

Section 13**Disposal Information**

There are no special disposal recommendations for this material.

Section 14**Transportation Information**

This material is not regulated for transportation.

Section 15**Regulatory Information****United States Regulations:**

Hazard Communication Labels: Possible Eye Irritant

European Regulations:

Risk and Safety Phrases: None Required

Hazard Symbols: None Required

Canadian Regulations:

This material is classified as Class D, Division 2, Subdivision B by the Workplace Hazardous Materials Information System (WHMIS).

Section 16**Other Information****Prepared by:**

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Disclaimer:

The information contained within this data sheet is based on currently available scientific studies and is accurate and reliable to the best of our knowledge. Warner-Lambert makes no other warranties, expressed or implied, and assumes no responsibility or liability for injury or damage caused by the material if it is misused or reasonable safety procedures are not followed as specified in this data sheet.

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