



27651 CONNEY SAFETY PRODUCTS
 27652 27651
 27653 27652
 27653

Burroughs Wellcome Co.

Intersection U.S. 13 & S.R. 1590
 Post Office Box 1887
 Greenville, North Carolina 27835-1887

Cables & Telegrams
 Tabloid Greenville, N.C.
 TWX 5109291618
 Tel. 919 758-3436

MATERIAL SAFETY DATA SHEET

GXSC/93/0002

SECTION I: IDENTIFICATION

Product Name: Neosporin® Products

Formula: Mixture

CAS#: NA

Generic Name: NA

Generic Name: NA

For Information on Health Hazards Call: 919-707-7014

Contact local Poison Control Center in case of accidental overdose or similar emergencies.

Effective Date: 1/10/94

SECTION II: INGREDIENTS

CAS #	INGREDIENT NAME	EXPOSURE LIMITS/GUIDES			LISTED AS CARCINOGEN
		OSHA PEL	CGIH TLV	OTHER	
1405-20-5	Polymyxin B Sulfate	ND	ND	ND	NO
1405-10-3	Neomycin Sulfate	ND	ND	ND	NO
1405-87-4	Bacitracin Zinc	ND	ND	ND	NO
137-58-6	Lidocaine	ND	ND	ND	NO

Note: Refer to specific product labeling or insert to determine which of the above ingredients are present. Specific ingredient hazards are included in this MSDS.

SECTION III: PHYSICAL DATA

Boiling Point: NA

Vapor Pressure: ND

Specific Gravity (H₂O=1): ND

Vapor Density: NA

Solubility in Water: ND

Percent Volatile by Volume (%): ND

Evaporation Rate: ND

Melting Point: ND

Description: Refer to product label/insert for specific product description.

SECTION IV: FIRE AND EXPLOSION DATA

Flash Point (Method Used): ND

Flammable Limits:

LEL: ND

UEL: ND

Special Fire Fighting Procedures: Self-contained breathing apparatus.

Extinguishing Media: Use agent appropriate to the nature of the fire and other materials involved.

Unusual Fire and Explosion Hazards: May emit toxic or irritant fumes when heated.

SECTION V: HEALTH HAZARD DATA

Toxicity Information: This information pertains to the following ingredients individually and not to the product as marketed. Emphasis should be placed on the potential effects that may occur with the occupational handling (by inhalation, dermal, or ocular contact) of this product.

Polymyxin B Sulfate: Neurotoxicity, nephrotoxicity, and neuromuscular blockade are the characteristic results of systemic polymyxin poisoning. Fever has also been reported. Repeated or prolonged exposure by ingestion may cause kidney damage. In view of the nonabsorbability of this antibiotic it does not present an oral hazard unless the gut is diseased. Hygienic precautions should anticipate possibility of sensitization. IV-mouse LD₅₀: 5.4 mg/kg; IV-Dog LD₁₀: 8 mg/kg; oral-mouse LD₅₀: 790 mg/kg; IP-mouse LD₅₀: 20.5 mg/kg; dermal subcutaneous-mouse LD₅₀: 59.5 mg/kg

Neomycin Sulfate: Hypersensitivity reactions (primarily skin rashes) have occurred in persons treated with neomycin sulfate. May cause severe renal (kidney) toxicity and neurotoxicity including ototoxicity (hearing loss and diminished balance) when administered parenterally (IV). Neuromuscular blockade and respiratory paralysis have also occurred in rare cases. Oral-rat LD₅₀: >4325 mg/kg; IV-mouse LD₅₀: 17.4-150 mg/kg

Bacitracin Zinc: May cause irritation. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. Nephrotoxicity (kidney toxicity) results after extended use at high levels. Because it is not absorbed from the gastrointestinal tract accidental ingestion it presents no toxic hazard. Oral-rat LD₅₀: >2000 mg/kg

Lidocaine: Possible eye, skin and/or respiratory tract irritant. May cause topical anesthesia. Ingestion is toxic. Oral-rat LD₅₀: 317 mg/kg

Refer to labeling, insert, or Physicians' Desk Reference for further information.

Emergency and First Aid Procedures:

Eyes: Rinse immediately with plenty of water. Contact physician.

Inhalation: Remove person to fresh air, rest and keep warm. Use artificial respiration if breathing stops. Contact physician.

Ingestion: Wash out mouth. Give plenty of water or bland fluids. Unless vomiting is copious, lavage should be carried out. Contact physician.

Skin: Remove all contaminated clothing. Wash off skin with plenty of water. Contact physician if contact produces irritation.

SECTION VI: REACTIVITY DATA

Stability: Stable

Hazardous Decomposition Products: None Known

Conditions to Avoid: None Known

Hazardous Polymerization: None Known

Incompatibility (Materials to Avoid): None Known

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Spilled or Leaked: Wipe or mop up spilled material. Wash all contaminated surfaces with soap and water. Place waste in appropriate container for disposal.

Waste Disposal Method: Consult federal, state, and local agencies to ascertain proper disposal procedures.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: None necessary.

Ventilation: None necessary.

Protective Gloves: Latex.

Eye Protection: Avoid eye contact.

Other Protective Equipment: NA

SECTION IX: SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Store in original container tightly closed.

Other Precautions: Avoid skin and eye contact. Should such contact occur wash exposed area promptly.

SECTION X: REFERENCES

Physicians Desk Reference, Medical Economics Co., Inc.; Oradell, NJ; Edward R. Barnhart, Publisher

Burroughs Wellcome Acute Overdosage Manual Registry, Dept. of Product Surveillance and Epidemiology, Burroughs Wellcome Co., 3030 Cornwallis Rd., Research Triangle Park, NC 27709

MSDS's for each of the individual ingredients.

NA = Not Applicable
ND = Not Determined