



MATERIAL SAFETY DATA SHEET

Revision date: 23-Oct-2006

Version: 2.0

Page 1 of 5

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Pfizer Consumer Healthcare
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Emergency telephone number:
CHEMTREC (24 hours): 1-800-262-8200

Emergency telephone number:
ChemSafe (24 hours): +44 (0)208 762 8322

Material Name: Polysporin Ointment

Trade Name:	Polysporin
Chemical Family:	Mixture
Intended Use:	Consumer healthcare product used as antibiotic agent

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous

Ingredient	CAS Number	EU EINECS List	%
Polymyxin B sulfate	1405-20-5	215-774-7	10000 Units/g
White petrolatum	8009-03-8	232-373-2	*
Bacitracin	1405-87-4	215-786-2	500 units/g

Additional Information:

* Proprietary
Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

3. HAZARDS IDENTIFICATION

Appearance: Light yellow ointment
Signal Word: WARNING

Statement of Hazard: May cause allergic skin reaction.
Harmful if swallowed.

Additional Hazard Information:
Short Term:

An Occupational Exposure Value (Limits, Bands, etc.) has been established for one or more of the ingredients (see Section 8).

Known Clinical Effects: Clinical use of this drug has caused skin effects, nausea, vomiting, diarrhea, abdominal pain, effects on hearing, chest pain.

EU Indication of danger: Harmful
Irritant

EU Hazard Symbols:



EU Risk Phrases:

MATERIAL SAFETY DATA SHEET

Material Name: Polysporin Ointment
Revision date: 23-Oct-2006

Page 2 of 5
Version: 2.0

R22 - Harmful if swallowed.
R43 - May cause sensitization by skin contact.

Note:

This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. If irritation occurs or persists, get medical attention.

Skin Contact: Remove contaminated clothing and wash the affected area with soap and water. Seek medical attention if unusual symptoms occur. This material may not be completely removed by conventional laundering. Consult professional laundry service. Do not home launder.

Ingestion: Get medical attention. Do not induce vomiting unless directed by medical personnel. Give water to dilute unless instructed to do otherwise.

Inhalation: Remove to fresh air. If discomfort persists, get medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use carbon dioxide, dry chemical, or water spray.

Hazardous Combustion Products: Formation of toxic gases is possible during heating or fire.

Fire Fighting Procedures: Wear approved positive pressure, self-contained breathing apparatus and full protective turn out gear.

Fire / Explosion Hazards: Fine particles (such as dust and mists) may fuel fires/explosions.

6. ACCIDENTAL RELEASE MEASURES

Health and Safety Precautions: Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.

Measures for Cleaning / Collecting: Use non-combustible absorbent material to wipe up spill and place in a sealed container for disposal. Clean spill area thoroughly.

Measures for Environmental Protections: Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.

Additional Consideration for Large Spills: Non-essential personnel should be evacuated from affected area. Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel.

7. HANDLING AND STORAGE

General Handling: Avoid contact with eyes. Avoid contact with skin and clothing. Avoid breathing vapor or mist.

Storage Conditions: Keep in tightly closed containers away from heat and light.

Storage Temperature: Store as directed by product packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

MATERIAL SAFETY DATA SHEET

Material Name: Polysporin Ointment
Revision date: 23-Oct-2006

Page 3 of 5
Version: 2.0

White petrolatum

ACGIH Threshold Limit Value (TWA)

5 mg/m³ (oil mist, mineral)

ACGIH Threshold Limit Value (STEL)

10 mg/m³ (oil mist, mineral)

The purpose of the Occupational Exposure Band (OEB) classification system is to separate substances into different Hazard categories when the available data are sufficient to do so, but inadequate to establish an Occupational Exposure Limit (OEL). The OEB given is based upon an analysis of all currently available data; as such, this value may be subject to revision when new information becomes available.

Polymyxin B sulfate

Pfizer Occupational Exposure Band (OEB): OEB 2 - Sensitizer (control exposure to the range of >100ug/m³ to < 1000ug/m³, provide additional precautions to protect from skin contact)

Bacitracin

Pfizer Occupational Exposure Band (OEB): OEB1 (control exposure to the range of >1000ug/m³ to < 3000ug/m³)

Engineering Controls:

Engineering controls should be used as the primary means to control exposures. Use process containment, local exhaust ventilation, or other engineering controls to maintain airborne levels within the OEB range.

Personal Protective Equipment:

Hands:

Not required for the normal use of this product. Wear protective gloves when working with large quantities.

Eyes:

Not required under normal conditions of use. Glasses or goggles are recommended if eye contact is possible.

Skin:

Not required for the normal use of this product. Wear protective clothing when working with large quantities.

Respiratory protection:

None required under normal conditions of use. If airborne exposures are within or exceed the Occupational Exposure Band (OEB) range, wear an appropriate respirator with a protection factor sufficient to control exposures to the bottom of the OEB range.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:

Ointment

Color:

Light yellow

Odor:

Essentially odorless

Molecular Formula:

Mixture

Molecular Weight:

Mixture

Solubility:

Insoluble: Water

10. STABILITY AND REACTIVITY

Stability:

Stable

Conditions to Avoid:

Avoid direct sunlight, conditions that might generate heat, and sources of ignition.

Incompatible Materials:

As a precautionary measure, keep away from strong oxidizers.

Hazardous Decomposition Products: None known

11. TOXICOLOGICAL INFORMATION

MATERIAL SAFETY DATA SHEET

Material Name: Polysporin Ointment
Revision date: 23-Oct-2006

Page 4 of 5
Version: 2.0

General Information: The information included in this section describes the potential hazards of the individual ingredients.

Acute Toxicity: (Species, Route, End Point, Dose)

Bacitracin

Guinea Pig Oral LD50 2000 mg/kg
Mouse Oral LD50 >3750 mg/kg
Mouse Intravenous LD50 360 mg/kg
Rat Intraperitoneal LD50 190 mg/kg
Mouse Intraperitoneal LD50 300 mg/kg

Polymyxin B sulfate

Mouse Oral LD50 790 mg/kg
Rat SC LD50 50 mg/kg
Rat IV LD50 3.98 mg/kg

Acute Toxicity Comments: A greater than symbol (>) indicates that the toxicity endpoint being tested was not achievable at the highest dose used in the test.

Repeated Dose Toxicity: (Duration, Species, Route, Dose, End Point, Target Organ)

Polymyxin B sulfate

9 Day(s) Mouse Subcutaneous 284 mg/kg LOAEL Skin

Carcinogen Status: None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Environmental Overview: The environmental characteristics of this material have not been fully evaluated. Releases to the environment should be avoided.

13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Dispose of waste in accordance with all applicable laws and regulations.

14. TRANSPORT INFORMATION

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.

15. REGULATORY INFORMATION

EU Symbol: Xn
EU Indication of danger: Harmful
Irritant

MATERIAL SAFETY DATA SHEET

Material Name: Polysporin Ointment
Revision date: 23-Oct-2006

Page 5 of 5
Version: 2.0

EU Risk Phrases:

R22 - Harmful if swallowed.
R43 - May cause sensitization by skin contact.

EU Safety Phrases:

S24 - Avoid contact with skin.
S37 - Wear suitable gloves.

OSHA Label:

WARNING

May cause allergic skin reaction.
Harmful if swallowed.

Canada - WHMIS: Classifications

WHMIS hazard class:

Class D, Division 2, Subdivision B



Polymyxin B sulfate

Australia (AICS):	Present
EU EINECS List	215-774-7

White petrolatum

Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS List	232-373-2

Bacitracin

Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS List	215-786-2

16. OTHER INFORMATION

Reasons for Revision:

Updated Section 3 - Hazard Identification. Updated Section 6 - Accidental Release Measures.
Updated Section 8 - Exposure Controls / Personal Protection. Updated Section 13 - Disposal
Considerations. Updated Section 15 - Regulatory Information.

Prepared by:

Toxicology and Hazard Communication
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End of Safety Data Sheet