

**Safety Data Sheet****Section 1: Identification****Product identifier**

- Product Name** • Erythromycin Ophthalmic Ointment
- Product Code** • AB09232; AB09234; Core No. 092; NDC 24208-0910-19; NDC 24209-0910-55

**Relevant identified uses of the substance or mixture and uses advised against**

- Recommended use** • Finished Pharmaceutical Product; For the treatment of superficial ocular infections involving the conjunctiva and/or cornea caused by organisms susceptible to erythromycin.
- Restrictions on use** • Refer to the product insert and/or prescribing information for restrictions on use and contraindications.

**Details of the supplier of the safety data sheet**

- Manufacturer** • Bausch & Lomb  
1400 North Goodman Street  
Rochester, NY 14609  
United States  
bausch.com
- Telephone (General)** • 1-800-553-5340

**Emergency telephone number**

- Manufacturer** • 1-800-535-5053 - Infotrac

*This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to consumer use of the product.*

**Section 2: Hazard Identification****UN GHS**

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

**Classification of the substance or mixture**

- UN GHS** • Classification criteria not met

**Label elements**

**UN GHS**

**Precautionary statements**

- Storage/Disposal** • Keep tightly closed. Store at room temperature 15-25°C (59-77°F), to maintain product integrity. Use before date marked on carton and/or container.

**Other hazards**

- UN GHS** • No data available.

## Section 3 - Composition/Information on Ingredients

### Substances

- Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

### Mixtures

Composition			
Chemical Name	Identifiers	%	Classifications According to Regulation/Directive
Erythromycin	CAS:114-07-8 EINECS:204-040-1	0.5%	UN GHS: Skin Irrit. 2; Eye Irrit. 2A
Mineral oil	CAS:8012-95-1 EINECS:232-384-2	10% TO 20%	UN GHS: NDA
White Petrolatum	CAS:8009-03-8 EINECS:232-373-2	> 80%	UN GHS: NDA

The exact percentage of composition has been withheld as a trade secret.

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation

- No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of mists, remove to fresh air and get medical attention if cough or other symptoms develop.

#### Skin

- IF ON SKIN (and not prescribed): Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

#### Eye

- For accidental and non-therapeutic applications, flush eyes with copious amounts of water for at least 15 minutes. Get medical attention.

#### Ingestion

- If swallowed, get medical help or contact a Poison Control Center immediately.

### Most important symptoms and effects, both acute and delayed

- No data available

### Indication of any immediate medical attention and special treatment needed

### Other information

- Additional details are provided on the product packaging and/or the product insert.

## Section 5: Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media** • Water spray, carbon dioxide, dry chemical powder, or appropriate foam for surrounding fire.

**Unsuitable Extinguishing Media**

- No data available.

### Firefighting Procedures

- As in any fire, wear self-contained breathing apparatus and full protective gear.

### Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- None known.
- Hazardous Combustion Products**
- None known.
- Advice for firefighters**
- Refer to Section 5 Firefighting Procedures.

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- No special controls or personal protection required under conditions of intended use. In the event of bulk spills, wear suitable protective eyewear, clothing, protective boots and protective gloves. Evacuate immediate area. Ensure adequate ventilation. Refer to Section 8.
- Emergency Procedures**
- No emergency procedures are expected to be necessary when used in accordance with product literature.

### Environmental precautions

- No data available on the environmental impact of this product.

### Methods and material for containment and cleaning up

- Containment/Clean-up Measures**
- Contain spilled product. For small spills, add suitable absorbent material. Scoop up and place in an appropriate liquid-tight container equipped with a tight cover for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate, liquid-tight container equipped with a tight cover for disposal.

- Prohibited Materials**
- None known.

### Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 - Handling and Storage

### Precautions for safe handling

- Handling**
- When using this product: do not touch tip of container to any surface to avoid contamination, remove contact lenses before using, and always replace the cap after use. Use only in accordance with product literature.

### Conditions for safe storage, including any incompatibilities

- Storage**
- Keep tightly closed. Store at room temperature 15-25°C (59-77°F), to maintain product integrity. Use before date marked on carton and/or container.

- Special Packaging Materials**
- Maintain product in original container only.

- Incompatible Materials or Ignition Sources**
- None specified.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

- Exposure Limits/Guidelines**
- Refer to the occupational exposure limits / guidelines for the individual product components.

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Quebec	NIOSH	OSHA	Other Agency Information

Erythromycin (114-07-8)	TWAs	Not established	Not established	Not established	Not established	3 mg/m3 TWA
Mineral oil (8012-95-1)	STELs	Not established	10 mg/m3 STEV (mist)	10 mg/m3 STEL	Not established	Not established
	TWAs	5 mg/m3 TWA (excluding metal working fluids, highly & severely refined, inhalable fraction)	5 mg/m3 TWAEV (mist)	5 mg/m3 TWA	5 mg/m3 TWA	Not established

## Exposure Control Notations

### ACGIH

•Mineral oil (8012-95-1): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen (highly and severely refined); A2 - Suspected Human Carcinogen (poorly and mildly refined))

## Exposure controls

### Engineering Measures/Controls

- No special controls are required under conditions of intended use. Local exhaust ventilation should be provided when handling bulk product.

### Personal Protective Equipment

#### Respiratory

- No special controls or personal protection required under conditions of intended use. In the event of a bulk spill, a NIOSH-certified air-purifying respirator equipped with HEPA -organic vapor cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits and when adequate oxygen is present. Use a positive pressure air-supplied respirator if there is any potential for an uncontrolled release or any other circumstances where air purifying respirators may not provide adequate protection.

#### Eye/Face

- No special personal protection required under conditions of intended use. In the event of a bulk spill, appropriate eye protection should be worn.

#### Hands

- No special personal protection required under conditions of intended use. In the event of a bulk spill, wear rubber or nitrile gloves.

#### Skin/Body

- No special personal protection required under conditions of intended use. In the event of a bulk spill, wear appropriate protective clothing.

#### Thermal hazards

- None known.

### General Industrial Hygiene Considerations

- Wash thoroughly with soap and water after handling.

### Environmental Exposure Controls

- No special controls are required under conditions of intended use. In the event of a bulk spill, prevent spilled material from entering storm sewers or drains, waterways, and contact with the soil.

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid Ointment	Appearance/Description	Translucent ointment.
Color	Clear Colorless .	Odor	Not relevant
Odor Threshold	Not relevant		
General Properties			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	pH	Not relevant
Specific Gravity/Relative Density	Not relevant	Water Solubility	Immiscible
Viscosity	No data available		
Volatility			

Vapor Pressure	Not relevant	Vapor Density	Not relevant
Evaporation Rate	Not relevant		
<b>Flammability</b>			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Not relevant
Flammability (solid, gas)	Not relevant		
<b>Environmental</b>			
Octanol/Water Partition coefficient	No data available		

## Section 10: Stability and Reactivity

### Reactivity

- Stable under normal temperatures and pressures.

### Chemical stability

- Stable when stored at room temperature 15-25°C (59-77°F). Use before expiration date marked on carton and/or container.

### Possibility of hazardous reactions

- Will not occur.

### Conditions to avoid

- Extreme heat or cold. Do not freeze.

### Incompatible materials

- None known.

### Hazardous decomposition products

- None known.

## Section 11 - Toxicological Information

### Information on toxicological effects

Components		
Erythromycin (0.5%)	114-07-8	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 4600 mg/kg
White Petrolatum (> 80%)	8009-03-8	<b>Acute Toxicity:</b> Intraperitoneal-Mouse LD50 • >50 g/kg
Mineral oil (10% TO 20%)	8012-95-1	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • >24 g/kg; <b>Gastrointestinal:Hypermotility, diarrhea;</b> <b>Irritation:</b> Eye-Rabbit • 100 mg 1 Hour(s) • Mild irritation; Skin-Rabbit • 100 mg 24 Hour(s) • Mild irritation

GHS Properties	Classification
<b>Acute toxicity</b>	UN GHS • Classification criteria not met
<b>Aspiration Hazard</b>	UN GHS • Classification criteria not met
<b>Carcinogenicity</b>	UN GHS • Classification criteria not met
<b>Germ Cell Mutagenicity</b>	UN GHS • Classification criteria not met
<b>Skin corrosion/Irritation</b>	UN GHS • Classification criteria not met
<b>Skin sensitization</b>	UN GHS • Classification criteria not met
<b>STOT-RE</b>	UN GHS • Classification criteria not met

<b>STOT-SE</b>	UN GHS • Classification criteria not met
<b>Toxicity for Reproduction</b>	UN GHS • Classification criteria not met
<b>Respiratory sensitization</b>	UN GHS • Classification criteria not met
<b>Serious eye damage/Irritation</b>	UN GHS • Eye Mild Irritation 2B

## Potential Health Effects

### Inhalation

- Acute (Immediate)**
  - No hazard when used as directed.
- Chronic (Delayed)**
  - No data available.

### Skin

- Acute (Immediate)**
  - Not expected to cause skin irritation.
- Chronic (Delayed)**
  - No data available.

### Eye

- Acute (Immediate)**
  - May cause mild irritation.
- Chronic (Delayed)**
  - Prolonged use may produce local irritation characterized by follicular conjunctivitis, vascular congestion, edema, exudate, and an eczematoid dermatitis.

### Ingestion

- Acute (Immediate)**
  - May be harmful if swallowed.
- Chronic (Delayed)**
  - No data available.

## Section 12 - Ecological Information

### Toxicity

- This material has not been tested for environmental effects.

### Persistence and degradability

- No data available.

### Bioaccumulative potential

- No data available.

### Mobility in Soil

- No data available.

### Other adverse effects

## Section 13 - Disposal Considerations

### Waste treatment methods

- Product waste**
  - Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.
- Packaging waste**
  - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
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DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not regulated	NDA	NDA	NDA

**Special precautions for user** • No data available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • No data available

## Section 15 - Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**SARA Hazard Classifications** • No data available

Inventory				
Component	CAS	Canada DSL	EU EINECS	TSCA
Erythromycin	114-07-8	Yes	Yes	No
Mineral oil	8012-95-1	Yes	Yes	Yes
White Petrolatum	8009-03-8	Yes	Yes	Yes

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

• White Petrolatum	8009-03-8	Uncontrolled product according to WHMIS classification criteria
• Erythromycin	114-07-8	Not Listed
• Mineral oil	8012-95-1	Uncontrolled product according to WHMIS classification criteria

#### Canada - WHMIS - Ingredient Disclosure List

• White Petrolatum	8009-03-8	Not Listed
• Erythromycin	114-07-8	Not Listed
• Mineral oil	8012-95-1	1 %

## Europe

### Other

#### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• White Petrolatum	8009-03-8	Carc. Cat.2; R45
• Erythromycin	114-07-8	Not Listed
• Mineral oil	8012-95-1	Not Listed

#### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• White Petrolatum	8009-03-8	T R:45 S:53-45
• Erythromycin	114-07-8	Not Listed
• Mineral oil	8012-95-1	Not Listed

#### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

• White Petrolatum	8009-03-8	N
• Erythromycin	114-07-8	Not Listed

• Mineral oil	8012-95-1	Not Listed
<b>EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases</b>		
• White Petrolatum	8009-03-8	S:53-45
• Erythromycin	114-07-8	Not Listed
• Mineral oil	8012-95-1	Not Listed

## United States

### Environment

#### U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• White Petrolatum	8009-03-8	Not Listed
• Erythromycin	114-07-8	Not Listed
• Mineral oil	8012-95-1	Not Listed

## United States - California

### Environment

#### U.S. - California - Proposition 65 - Carcinogens List

• White Petrolatum	8009-03-8	Not Listed
• Erythromycin	114-07-8	Not Listed
• Mineral oil	8012-95-1	Not Listed

#### U.S. - California - Proposition 65 - Developmental Toxicity

• White Petrolatum	8009-03-8	Not Listed
• Erythromycin	114-07-8	Not Listed
• Mineral oil	8012-95-1	Not Listed

#### U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• White Petrolatum	8009-03-8	Not Listed
• Erythromycin	114-07-8	Not Listed
• Mineral oil	8012-95-1	Not Listed

#### U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• White Petrolatum	8009-03-8	Not Listed
• Erythromycin	114-07-8	Not Listed
• Mineral oil	8012-95-1	Not Listed

## Section 16 - Other Information

### Last Revision Date

- 04/May/2015

### Preparation Date

- 04/May/2015

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