



Safety Data Sheet

Section 1: Identification

Product identifier

- Product Name** • Antipyrine, Benzocaine Otic Solution
- Product Code** • AB12409; Core No. 124; NDC 24208-0561-62

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

- Recommended use** • Finished Pharmaceutical Product; Prompt relief of pain and reduction of inflammation in the congestive and serous stages. Adjuvant therapy during systemic antibiotic administration for resolution of the infection. Facilitates the removal of excessive or impacted cerumen.
- 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.
Protect from light.

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
Antipyrine	CAS:60-80-0 EINECS:200-486-6	5.4%	UN GHS: NDA
Benzocaine	CAS:94-09-7 EINECS:202-303-5	1.4%	UN GHS: NDA
Glycerine	CAS:56-81-5 EINECS:200-289-5	> 90%	UN GHS: Skin Irrit. 3; Eye Irrit. 2B
Oxyquinoline Sulfate	EINECS:205-137-1	< 1%	UN GHS: Acute Tox. Oral 4
Water	CAS:7732-18-5 EINECS:231-791-2	< 1%	UN GHS: Classification criteria not met

Sulfuric Acid (CAS:7664-93-9, EINECS:231-639-5) and/or Sodium Hydroxide (CAS# 1310-73-2, EINECS: 215-185-5) may be added to adjust the pH.

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. Protect from light. Avoid excessive heat.
- 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	Canada Quebec	OSHA
Glycerine (56-81-5)	TWAs	10 mg/m3 TWA _{EV} (mist)	15 mg/m3 TWA (mist, total particulate); 5 mg/m3 TWA (mist, respirable fraction)

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	Color	Not relevant
Odor	Not relevant	Odor Threshold	Not relevant
General Properties			
Boiling Point	No data available	Melting Point	Not relevant
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	= 1.25	Water Solubility	Soluble
Viscosity	Not relevant		
Volatility			
Vapor Pressure	Not relevant	Vapor Density	Not relevant
Evaporation Rate	No data available		
Flammability			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Not relevant
Environmental			
Octanol/Water Partition coefficient	Not relevant		

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

- Avoid exposure to extreme heat or cold.

Incompatible materials

- None known.

Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Antipyrine (5.4%)	60-80-0	Acute Toxicity: Ingestion/Oral-Mouse LD50 • 1310 mg/kg
Benzocaine (1.4%)	94-09-7	Acute Toxicity: Ingestion/Oral-Mouse LD50 • 2500 mg/kg; <i>Behavioral:Ataxia; Lungs, Thorax, or Respiration:Cyanosis; Lungs, Thorax, or Respiration:Respiratory depression</i>
Oxyquinoline Sulfate (< 1%)	134-31-6	Acute Toxicity: Ingestion/Oral-Rat LD50 • 1200 mg/kg
Glycerine (> 90%)	56-81-5	Acute Toxicity: Ingestion/Oral-Rat LD50 • 12600 mg/kg; <i>Behavioral:General anesthetic; Behavioral:Muscle weakness; Liver:Other changes; Irritation:</i> Eye-Rabbit • 500 mg 24 Hour(s) • Mild irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Mild irritation

GHS Properties	Classification
Acute toxicity	UN GHS • Classification criteria not met
Aspiration Hazard	UN GHS • Classification criteria not met
Carcinogenicity	UN GHS • Classification criteria not met
Germ Cell Mutagenicity	UN GHS • Classification criteria not met
Skin corrosion/Irritation	UN GHS • Classification criteria not met
Skin sensitization	UN GHS • Classification criteria not met
STOT-RE	UN GHS • Classification criteria not met
STOT-SE	UN GHS • Classification criteria not met
Toxicity for Reproduction	UN GHS • Classification criteria not met
Respiratory sensitization	UN GHS • Classification criteria not met
Serious eye damage/Irritation	UN GHS • Classification criteria not met

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. Clinically apparent signs and symptoms of an overdose of tobramycin ophthalmic solution (punctate keratitis, erythema, increased lacrimation, edema and lid itching).
- Chronic (Delayed)**
 - No data available

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
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
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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
Oxyquinoline Sulfate	134-31-6	Yes	Yes	Yes
Antipyrine	60-80-0	Yes	Yes	Yes
Benzocaine	94-09-7	Yes	Yes	Yes
Glycerine	56-81-5	Yes	Yes	Yes
Water	7732-18-5	Yes	Yes	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Benzocaine	94-09-7	Not Listed
• Glycerine	56-81-5	Uncontrolled product according to WHMIS classification criteria
• Antipyrine	60-80-0	Not Listed
• Oxyquinoline Sulfate	134-31-6	Not Listed
• Water	7732-18-5	Uncontrolled product according to WHMIS classification criteria

Europe

Other

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

• Benzocaine	94-09-7	Not Listed
• Glycerine	56-81-5	Not Listed
• Antipyrine	60-80-0	Not Listed
• Oxyquinoline Sulfate	134-31-6	Xn; R22
• Water	7732-18-5	Not Listed

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

• Benzocaine	94-09-7	Not Listed
• Glycerine	56-81-5	Not Listed
• Antipyrine	60-80-0	Not Listed
• Oxyquinoline Sulfate	134-31-6	Xn R:22 S:(2)-36
• Water	7732-18-5	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• Benzocaine	94-09-7	Not Listed
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• Glycerine	56-81-5	Not Listed
• Antipyrine	60-80-0	Not Listed
• Oxyquinoline Sulfate	134-31-6	S:(2)-36
• Water	7732-18-5	Not Listed

United States

Environment

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

• Benzocaine	94-09-7	Not Listed
• Glycerine	56-81-5	Not Listed
• Antipyrine	60-80-0	Not Listed
• Oxyquinoline Sulfate	134-31-6	Not Listed
• Water	7732-18-5	Not Listed

United States - California

Environment

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

• Benzocaine	94-09-7	Not Listed
• Glycerine	56-81-5	Not Listed
• Antipyrine	60-80-0	Not Listed
• Oxyquinoline Sulfate	134-31-6	Not Listed
• Water	7732-18-5	Not Listed

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

• Benzocaine	94-09-7	Not Listed
• Glycerine	56-81-5	Not Listed
• Antipyrine	60-80-0	Not Listed
• Oxyquinoline Sulfate	134-31-6	Not Listed
• Water	7732-18-5	Not Listed

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

• Benzocaine	94-09-7	Not Listed
• Glycerine	56-81-5	Not Listed
• Antipyrine	60-80-0	Not Listed
• Oxyquinoline Sulfate	134-31-6	Not Listed
• Water	7732-18-5	Not Listed

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

• Benzocaine	94-09-7	Not Listed
• Glycerine	56-81-5	Not Listed
• Antipyrine	60-80-0	Not Listed
• Oxyquinoline Sulfate	134-31-6	Not Listed
• Water	7732-18-5	Not Listed

Section 16 - Other Information

Last Revision Date

- 13/May/2015

Preparation Date

- 13/May/2015

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