

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

074089140

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

076665343 076665491 076665517 076665525 076665541

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

072801017 073270824 075897863

View Section : 12345678910111213141516  
EC Directive Pictograms

Personal Protective Pictograms

Gloves  
Dust  
Respirator  
Faceshield  
Full  
Suit  
Splash  
Goggles

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION AD31001MS

Product Name:Patterson Topical Benzocaine Anesthetic

Manufacturer MSDS.:AD31001MS

Manufacturer Name:Patterson Companies, Inc.

Address: 1031 Mendota Heights Road  
St. Paul, MN 55120

General Use: Recommended Use: Topical anesthetic  
Restrictions on Use: Use only as directed

Business Phone:651-686-1600

Business Fax:651-686-9331

CHEMTREC Numbers:

For emergencies in the US, call CHEMTREC: 800-424-9300

Revision Date:1/28/11

Supersedes: 6/22/09

Revision Number: 2

Trade Names:Topex« Topical Anesthetic Gel/Liquid

Chemical Name/Classification: Mixture

U.N. Number: None

U.N. Dangerous Goods Classification: Not Regulated

Product Codes: AD31001, AD31002, AD31003, AD31004, AD31005, AD31006,  
AD31007, AD31064, AD31065, AD31067, AD31068, AD31011, AD31012,  
AD31014

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SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTSAD31001MS  
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Ingredient NameCAS#Ingredient Percent

Polyethylene Glycol25322-68-330-50% by Weight  
EC Number:Not available  
EC Index Number:1  
IUPAC Name: Poly(ethylene oxide)  
  
Substance Classification: Not applicable

Benzocaine94-09-720% by Weight  
EC Number:202-303-5  
EC Index Number:1  
Hazard Symbols:Xi  
Risk Phrases:R43  
IUPAC Name: Ethyl p-aminobenzoate

Refer to Section 16 for the full text of the EU Classifications and R Phrases.

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SECTION 3 : HAZARDS IDENTIFICATIONAD31001MS  
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EU Classification: Irritant (Xi)

EU Labelling: X Irritant

Contains benzocaine:  
R43 May cause sensitization by skin contact.  
S24/25 Avoid contact with skin and eyes.  
S37 Wear suitable gloves

US Hazard Classification: Hazardous

Applies to all ingredients:

Route of Exposure: Eye, Skin, Inhalation, Ingestion

Signs/Symptoms: Contact with skin, eyes or mucous membranes may cause numbness. Repeated skin contact may cause burning and itching of the skin with dermatitis or rash.

Aggravation of Pre-Existing Conditions: Employees with pre-existing skin disorders may be at increased risk from exposure.

Polyethylene Glycol :

Target Organs: Specific Target Organ Toxicity (STOT):

Repeated Exposure: Propylene glycol: In 2 week inhalation study, rats were administered whole body exposure for 6 hr/day for 9 days. No exposure related clinical signs or ophthalmic changes were noted and no mortality was recorded during the study.

Benzocaine :

Target Organs: Specific Target Organ Toxicity (STOT):

Single Exposure: Benzocaine: When applied topically as recommended, benzocaine has been shown to be relatively nontoxic, however, sensitization may occur.

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#### SECTION 4 : FIRST AID MEASURESAD31001MS

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Eye Contact: Flush eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention if irritation or other symptoms persist.

Skin Contact: Wash skin thoroughly with soap and water. Get medical attention if symptoms develop and persist.

Inhalation: None needed under normal use conditions. If irritation develops, remove to fresh air. Get medical attention if symptoms persist.

Ingestion: If swallowed, call a poison control center. Only induce vomiting if directed by medical personnel. Never give anything by mouth to an unconscious person.

Note to Physicians: (Treatment, Testing, and Monitoring):

Treatment of overexposure should be directed at the control of symptoms and clinical conditions.

Most important symptoms of exposure:

Contact with skin, eyes or mucous membranes may cause numbness. Repeated skin contact may cause burning and itching of the skin with dermatitis or rash.

Other: None known.

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#### SECTION 5 : FIRE FIGHTING MEASURESAD31001MS

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Fire: Flammability: Not flammable

Explosion: Explosive limits: Not applicable

Flash Point: > 300 deg F / > 149 deg C

Auto Ignition Temperature: Not available

Extinguishing Media: Suitable: Use media appropriate for

surrounding fire.

Fire Fighting Instructions: Fire Fighting Procedures: Cool fire exposed containers and structures with water.

Specific Hazards Arising from the Chemical: None known.

Precautions for Fire Fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

Protective Equipment: Recommended Protective Equipment for Fire Fighters:

EYES/FACE, SKIN, RESPIRATORY, THERMAL

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SECTION 6 : ACCIDENTAL RELEASE MEASURESAD31001MS  
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Personal Precautions: PPE and Emergency Procedures: For large spills, wear gloves and eye protection. Small spills do not require special precautions.

Recommended Personal Protective Equipment for Containment and Clean-up:

EYES/FACE, SKIN

Spill Cleanup Measures: Collect using an inert non-combustible absorbent material and place in appropriate containers for disposal.

Environmental Precautions: Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

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SECTION 7 : HANDLING and STORAGEAD31001MS  
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Handling: Precautions for Safe Handling: Avoid contact with the eyes and skin. Wash thoroughly after handling. Use in accordance with package instructions.

Storage: Conditions for Safe Storage: Avoid prolonged storage at elevated temperatures as product degradation may occur.

Work Practices: Wash thoroughly after handling. Remove and launder contaminated clothing before reuse.

Hygiene Practices: Wash thoroughly after handling. Remove and launder contaminated clothing before reuse.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTIONAD31001MS  
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Engineering Controls:Appropriate Engineering Controls: No special controls required.  
Personal Protective Equipment  
Routine Handling:Specific Thermal Hazards: Not applicable

Recommended Personal Protective Equipment:

EYES/FACE, SKIN

Skin Protection Description:Avoid skin contact. Wear plastic or rubber gloves to avoid contact.

Eye/Face Protection:Avoid eye contact. Safety glasses should be worn if contact is likely.

Respiratory Protection:None required under normal use conditions.

Exposure Limits:Occupational Exposure Limits:

Polyethylene Glycol:

10 mg/m3 TWA AIHA WEEL (aerosol)

1000 mg/m3 (inhalable) DFG MAK

Benzocaine: None Established

Biological Exposure Limits: None Established

Environmental Exposure Controls: None required for normal use.

General Hygiene Considerations and Work Practices: Wash thoroughly after handling. Remove and launder contaminated clothing before reuse.

Protective Measures During Repair and Maintenance of Contaminated Equipment: Not applicable for product.

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIESAD31001MS  
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Physical State/Appearance:Gel

Odor:Characteristic of flavor

pH:6.05

Decomposition Temperature:Not available

Vapor Pressure:Negligible

Vapor Density:Not available

Flash Point:> 300 deg F/> 149 deg C

Auto Ignition Temperature:Not available

Boiling Point:Initial: > 482 deg F/> 250 deg C

Freezing Point:Not available

Melting Point:Not available

Solubility:Disperses

Density:Relative: 1.091 @ 25 deg C

Evaporation Point:Not available

Viscosity:164,000 centipose

Odor Threshold:Not available

Coefficient of Water/Oil Distribution:Partition coefficient:

n-octanol/water: Not available

Flammability: Not flammable

Explosive Properties: None

Explosive limits: Not applicable

Oxidizing Properties: None

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SECTION 10 : STABILITY and REACTIVITYAD31001MS  
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Chemical Stability:Stable.  
Conditions to Avoid:None known.  
Incompatibilities with Other Materials:Avoid oxidizing agents.  
Reactivity:Will not polymerize.

Possibility of Hazardous Reactions: Hazardous reactions are unlikely.  
Hazardous Decomposition Products:Thermal decomposition may produce carbon and nitrogen oxides.

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SECTION 11 : TOXICOLOGICAL INFORMATIONAD31001MS  
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Applies to all ingredients:  
Eye Effect:Direct contact may cause irritation with redness and tearing. Numbness may occur.  
Skin Effects:Direct contact may cause numbness. Prolonged or repeated skin contact may cause contact dermatitis or hypersensitivity to benzocaine with burning, stinging, tenderness and edema.  
Ingestion Effects:Swallowing may cause nausea, vomiting and diarrhea. In rare cases benzocaine has been shown to cause methemoglobinemia.  
Inhalation Effects:None expected from normal use. Inhalation of mists may cause respiratory irritation.  
Chronic Effects:None expected.  
Carcinogenicity:None of the components of this product are listed as carcinogens by OSHA, IARC, ACGIH, NTP or EU Directives.  
Mutagenicity:No data available  
Reproductive Toxicity:No data available.  
Other Toxicological Information:Medical Conditions Aggravated by Exposure: Employees with pre-existing skin disorders may be at increased risk from exposure.  
Polyethylene Glycol :  
Ingestion Effects:Oral mouse LD50: 28,900 mg/kg  
Other Toxicological Information:Specific Target Organ Toxicity (STOT) :  
Repeated Exposure: Propylene glycol: In 2 week inhalation study, rats were administered whole body exposure for 6 hr/day for 9 days. No exposure related clinical signs or ophthalmic changes were noted and no mortality was recorded during the study.  
Benzocaine :  
Ingestion Effects:LD50 oral rat: 3042 mg/kg

Other Toxicological Information: Specific Target Organ Toxicity (STOT):

Single Exposure: Benzocaine: When applied topically as recommended, benzocaine has been shown to be relatively nontoxic, however, sensitization may occur.

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SECTION 12 : ECOLOGICAL INFORMATIONAD31001MS  
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Ecological Paragraph: Toxicity:

Propylene glycol: Salmo salar (Atlantic salmon) > 1000 mg/L

Biodegradation: Benzocaine: Readily biodegradable

Other: Other Adverse Effects: None known.

Bio-accumulative Potential: Benzocaine: Estimated BCF is 5.  
Potential for bioaccumulation is low.

Mobility in Soil: Benzocaine: Moderate mobility based upon an estimated Koc of 250.

Results of PBT/vPvB Assessment: Not required.

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SECTION 13 : DISPOSAL CONSIDERATIONSAD31001MS  
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Waste Disposal: Regulations: Dispose in accordance with local and national environmental regulations.

Properties (Physical/Chemical) Affecting Disposal: None known.

Waste Treatment Recommendations: None needed for normal anticipated use.

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SECTION 14 : TRANSPORT INFORMATIONAD31001MS  
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UN Proper Shipping Name: Not Regulated

UN Class: None

UN Number: None

UN Packaging Group: None

Special precautions for user: Not applicable

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SECTION 15 : REGULATORY INFORMATIONAD31001MS  
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Applies to all ingredients:

TSCA 8(b): Inventory Status:Toxic Substances Control Act (TSCA): This product is a drug and not subject to chemical notification requirements.

SARA:Superfund Amendments and Reauthorization Act (SARA) Title III Information:

Section 304:Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):

This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Section 312 Hazard Category:SARA Section 311/312 (40 CFR 370) Hazard Categories:

Acute:Yes

Chronic:No

Fire:No

Reactive:No

Pressure:No

Section 313 Toxic Release Form:This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):

Components: None

Section 112(r): Clean Air ActClean Air Act (CAA): Not Listed  
Section 116.4 part 117: Clean Water ActClean Water Act (CWA):  
Not Listed

OSHA 29 CFR 1200:OSHA Hazard Classification: Sensitizer

State:California: This product contains the following chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm:

Components: None

Canada WHMIS:Canadian Workplace Hazardous Materials

Information System (WHMIS): Drugs are not subject to WHMIS

European Community Chemical Inventory Status:EU REACH: This product is a medicinal product and not subject to registration requirements.

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SECTION 16 : ADDITIONAL INFORMATIONAD31001MS  
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MSDS Revision Date:1/28/11

Supersedes: 6/22/09

Revision Number: 2

Full text of Classification abbreviations used in Section 2 and 3:

Xi Irritant

R43 May cause sensitization by skin contact.

Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for

components, IUCLID Dataset EU Chemical Bureau, ESIS, Country  
websites for occupational exposure limits.

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