

## SAFETY DATA SHEETS

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

077805021

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

077805005 077805013 077805039 077805047 077805054

Patterson Item Number: 77805005  
Associated Item Numbers: 72681385, 77805005  
Actio MSDS ID: 802851  
Product Name: Kolorz Topical Anesthetic Gel

10-25-13  
JW

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SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

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Product Name:

Kolorz Topical Anesthetic Gel

Manufacturer Name:

Zenith Dental

Address:

242 South Dean Street Englewood, NJ 07631 USA

Emergency tel:

Call Infotrac at 800-535-5053

Business Phone:

201-894-5500

Business Fax:

201-894-0213

Revision Date:

10/25/06

Revision No:

1 Enhancing dentistry with education and technology«

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SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS

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Ingredient Name CAS# Ingredient Percent

1 BENZOCAINE 94-09-7 10-30%

Hazardous: Yes

Sensitizer: [Sens.]

EC Index Number: 1

Hazard Symbols: [Xi]

Risk Phrases: R43; R36/37/38

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SECTION 3 : HAZARDS IDENTIFICATION

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:

(N/A)

BENZOCAINE :

Potential Health Effects:

Main hazards:

Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact.

Signs/Symptoms:

Skin contact:

There may be mild irritation at the site of contact.

Eye contact:

There may be irritation and redness.

Ingestion:

There may be irritation of the throat.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest.

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#### SECTION 4 : FIRST AID MEASURES

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Eye Contact:

(SYMPTOMS):

There may be irritation and redness.

(ACTION):

Bathe the eye with running water for 15 minutes.

Skin Contact:

(SYMPTOMS):

There may be mild irritation at the site of contact.

(ACTION):

Wash immediately with plenty of soap and water.

Inhalation:

(SYMPTOMS):

There may be irritation of the throat with a feeling of tightness in the chest.

(ACTION):

Consult a doctor.

Ingestion:

(SYMPTOMS):

There may be irritation of the throat.

(ACTION):

Wash out mouth with water.

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#### SECTION 5 : FIRE FIGHTING MEASURES

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(N/A)

Extinguishing Media:

Suitable extinguishing media for the surrounding fire should be used.

Protective Equipment:

Protection of fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Exposure hazards:

In combustion emits toxic fumes.

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#### SECTION 6 : ACCIDENTAL RELEASE MEASURES

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Personal Precautions:

Refer to section 8 of SDS for personal protection details.

Spill Cleanup Measures:

Wash the spillage site with large amounts of water.

Environmental Precautions:

Do not discharge into drains or rivers.

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#### SECTION 7 : HANDLING and STORAGE

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Handling:

Avoid the formation or spread of dust in the air.

Storage:

Store in cool, well ventilated area.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

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Skin Protection Description:

Protective clothing.

Hand Protection Description:

Protective gloves.

Eye/Face Protection:

Safety glasses. Ensure eye bath is to hand.

Respiratory Protection:

Respiratory protective device with particle filter.

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

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Odor:

Characteristic odour

Physical State:

Paste

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SECTION 10 : STABILITY and REACTIVITY

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Chemical Stability:

Stable under normal conditions.

Conditions to Avoid:

Heat.

Incompatibilities with Other Materials to avoid:

Strong oxidising agents. Strong acids.

Materials:

Hazardous Decomposition Products:

In combustion emits toxic fumes.

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SECTION 11 : TOXICOLOGICAL INFORMATION

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BENZOCAINE :

Routes of Exposure:

Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

Ingestion Effects:

ORL RBT LC50 1150 mg/kg

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SECTION 12 : ECOLOGICAL INFORMATION

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Ecological Paragraph:

Hazardous ingredients:

BENZOCAINE FISH 15M EC50 7,3 mg/l

Bioaccumulation:

Potential:

No bioaccumulation potential.

Biodegradation:

Persistence:

Biodegradable.

Other:

Other adverse effects:

Negligible ecotoxicity.

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SECTION 13 : DISPOSAL CONSIDERATIONS  
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Waste Disposal:

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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SECTION 14 : TRANSPORT INFORMATION  
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RID/ADR Shipping Name:  
NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

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SECTION 15 : REGULATORY INFORMATION  
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BENZOCAINE :

Risk Phrases:  
R36/37/38: Irritating to eyes, respiratory system and skin.

R43: May cause sensitisation by skin contact.

Safety Phrase:  
S24: Avoid contact with skin.

S37: Wear suitable gloves.

Hazard symbols:  
X - Irritant.

Precautionary phrases:  
Restricted to professional users.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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SECTION 16 : ADDITIONAL INFORMATION  
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MSDS Revision Date:  
10/25/06

Revision No:  
1

Disclaimer:

Legal: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Risk phrases used in s.2:

**SAFETY DATA SHEET**  
**KOLORZ TOPICAL BENZOCAINE 20% GEL**

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395861

**SECTION 1: IDENTIFICATION**

**Product Identifier**

Product Name: KOLORZ TOPICAL BENZOCAINE 20% GEL

**Other Means of Identification**

Product Item Code(s): 755101, 755102, 755103, 755104, 755105

**Recommended use of the chemical and restriction on use**

Recommended Use: Dental Anesthetic

Restrictions on Use: Do not swallow.

**Name, address, telephone number of the supplier:**

**Distributor:**

Company Address: DMG America, LLC  
242 South Dean St  
Englewood, NJ 07631  
USA

Information Telephone Number: 201-894-5500

**Emergency Telephone Number:** 1-800-535-5053 (Infotrac)

**SECTION 2: HAZARD(S) IDENTIFICATION**

**GHS Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

- Skin sensitization Category 1.
- Eye Irritation Category 2.

**GHS Label Elements, including Precautionary Statements**

**Signal Word:** Warning

**Hazard Statements:**

Causes eye irritation.

May be harmful if swallowed

May cause an allergic skin reaction.

**Pictograms:**



**Precautionary Statements:**

Keep out of reach of children.

Keep container tightly closed.

Wash hands thoroughly after handling.

**Hazards not otherwise classified:** None

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**Unknown Acute Toxicity:** 1.6% of the ingredients are of unknown toxicity.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredients | CAS No./ EINECS No. | Percent |
|-------------|---------------------|---------|
| Benzocaine  | 94-09-7/202-303-5   | 20%     |

**SECTION 4: FIRST AID MEASURES**

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

**Skin Contact:** Wash skin with plenty of soap and water. Get medical attention if irritation or allergic reaction occurs.

**Ingestion:** Do not induce vomiting. Rinse out mouth with water and give copious amounts of water. If symptoms persist, get immediate medical attention.

**Inhalation:** Move victim to fresh air. Get medical attention if irritation persists.

**Most Important symptoms/effects, acute and delayed:** Itching, rashes and hives.

**Indication of immediate medical attention and special treatment needed.**

**Notes to Physician:** Treat symptomatically. May cause sensitization of skin for susceptible persons.

**SECTION 5: FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:** Use media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** Use of water spray may be inefficient.

**Specific hazards arising from the chemical:** May cause sensitization by skin contact.

**Special Protective equipment and precautions for firefighters:** Firefighters should wear full emergency equipment and positive pressure self-contained breathing apparatus.

**Unusual Fire/Explosion Hazards:** None known.

**Known or Anticipated Hazardous Products of Combustion:** Carbon monoxide, carbon dioxide.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:** Avoid contact with eyes, skin and clothing. Use appropriate protective equipment as described in Section 8. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

**Environmental Precautions:** Prevent spill from entering waterways.

**Methods and materials for containment and cleaning up:** Prevent further leakage or spillage if safe to do so. Wipe up or collect using an inert absorbent material and place in appropriate containers for disposal. Rinse spill area with water. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities.

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**SECTION 7: HANDLING AND STORAGE**

**Precautions for safe handling:** Avoid contact with the eyes, skin and clothing. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Keep containers tightly closed when not in use.

Do not reuse containers. Empty containers retain product residues that can be hazardous. Follow all safety precautions when handling empty containers.

**Conditions for safe storage including any incompatibilities:** Store at controlled room temperature 59-86°F (15-30°C). Keep out of reach of children. Keep container tightly closed.

**SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**Exposure Control Parameters:** The parameters are not provided for the product itself. They are provided for the ingredients listed below:

This product, as supplied, does not contain hazardous substances with occupational exposure limit values.

**Occupational Exposure Limits:** No limits are established for the product. The limits indicated are for the ingredients listed below:

No ingredients with occupational exposure limit values.

**Appropriate Engineering Controls:** No special ventilation normally required. For bulk handling, use ventilation that is adequate to maintain exposure levels below the occupational exposure limits.

**Individual Protection Measures:**

**Personal Protective Equipment**

**Eye Protection:** Safety glasses recommended, if splash is likely to occur. None required for consumer use.

**Skin Protection:** Wear impervious gloves for bulk handling. None required for normal use.

**Respiratory Protection:** None should be needed for normal use. If the exposure limits are exceeded an approved respirator with particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

**Other Protective Clothing or Equipment:** None needed for normal use. Impervious clothing as needed to avoid contamination of personal clothing for bulk handling.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Gel of various colors

**Odor:** Characteristic

**Odor Threshold:** Not available

**pH:** Not available

**Melting point:** Not available

**Freezing Point:** Not available

**Boiling Point/Range:** Not available

**Flashpoint:** Not available

**Evaporation Rate:** Not available

**Flammability (solid, gas):** Not available

**Upper/lower flammability or explosive limits:**

LEL: Not available

UEL: Not available

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Relative Density:** Not available

**Solubility in water:** No data available

**Partition coefficient**

**(n-octanol/water):** Not available

**Autoignition Temperature:** Not available

**Decomposition Temperature:** Not available

**Viscosity:** Not available

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** No data available

**Chemical Stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** None under normal conditions of processing.

**Conditions to Avoid:** None known.

**Incompatible Materials:** Avoid oxidizing agent.

**Hazardous Decomposition Products:** May produce carbon monoxide, carbon dioxide.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on Toxicological Effects**

Toxicological data not available for the product itself. The data provided are for the ingredients listed below.

Benzocaine: Oral Rabbit LD<sub>50</sub>: 1150mg/kg

Oral Rat LD<sub>50</sub>: 3042mg/kg

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**Likely Routes of Exposure and the Symptoms related to the Physical, Chemical and Toxicological**

**Characteristics:**

**Eyes:** Direct contact causes eye irritation.

**Skin:** May cause sensitization for a susceptible person.

**Inhalation:** No adverse effects expected under normal conditions of use.

**Ingestion:** May be irritating to mouth, throat and stomach.

**Chronic Health Effects:** Not expected under normal conditions of use. May cause sensitization for a susceptible person.

**Mutagenicity:** No data available.

**Carcinogenicity:** Not known to be as carcinogen or potential carcinogen by NTP (National Toxicological Program), IARC (International Agency for the Research of Cancer) or OSHA (Occupational Safety and Health Administration).

**Medical Conditions Aggravated by Exposure:** Not known.

**SECTION 12: ECOLOGICAL INFORMATION**

**Eco toxicity**

Ecological data not available for the product itself. The data provided are for the ingredients listed below:

Benzocaine: 96 hrs. LC<sub>50</sub> Rainbow Trout: 7.2mg/L

**Persistence and degradability:** No information available

**Bio accumulative Potential:** No data available

**Mobility in soil:**

No data available

**Other adverse effects:**

No information available

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose in accordance with national and local regulations.

**SECTION 14: TRANSPORT INFORMATION**

**DOT Shipping Name:** Not Regulated

**DOT Hazard Class:** N/A

**UN Number:** N/A

**IATA Shipping Name:** Not Regulated

**IATA Hazard Class:** N/A

**UN Number:** N/A

**IMDG Shipping Name:** Not Regulated

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**IMDG Class:** N/A

**UN Number:** N/A

**SECTION 15: REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS:**

**SARA TITLE III:**

**Hazard Category for Section 311/312:** Acute health hazard.

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None at or above reportable quantity.

**Section 302 extremely hazardous Substances (TPQ):** None at or above reportable quantity

**EPA Toxic Substances Control Act (TSCA) Status:** This product complies with TSCA inventory requirements.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**SECTION 16: OTHER INFORMATION**

Risk phrases used in Section 2: Not applicable

Date of preparation of SDS: November 10, 2014

Revision Note: New GHS format for SDS.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.