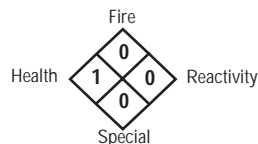


# TOPICAL ANESTHETIC GEL 20% Benzocaine MATERIAL SAFETY DATA SHEET



HAZARD RATING  
4=Extreme 3=High 2=Moderate  
1=Slight 0=Insignificant

## PRODUCT IDENTIFICATION

PRODUCT NAME: Topical Anesthetic Gel  
SYNONYMS: Topical; Anesthetic;  
CHEMICAL NAME: Polyethylene Glycol & Benzocaine  
MOLECULAR FORMULA: Complex Mixture  
CHEMICAL FAMILY: Glycol polymer & Aromatic Ester

## COMPONENT INFORMATION

Polyethylene glycol: CAS Reg. No. 25322-68-3, Less than 80.% LD<sub>50</sub> orally in rats greater than 50g./Kg (Smyth).

Aminobenzoic acid ester: CAS Reg. No. 94-09-7, 20.% LD<sub>50</sub> oral mouse 2,100mg./Kg.

Flavorings: CAS Reg. No. Not established, less than 5.%, TLV Not established.

Sodium Saccharin: CAS Reg. No. 81-07-2, Less than 2.%. This substance may reasonably be anticipated to be a carcinogen.

## PHYSICAL CHARACTERISTICS

BOILING POINT: Higher than 250°C

SPECIFIC GRAVITY: 1.091/25°C

SOLUBILITY IN WATER: Disperse

VISCOSITY: 164,000 Centipoise (Brookfield, Spindle #6, 5rpm)

APPEARANCE & ODOR: Gel with color and aroma characteristics of products labeled flavor

MELTING POINT: N.A.

pH (in water): 6.05

VAPOR PRESSURE: Negligible

## FIRE & EXPLOSION DATA

**FLASH POINT:** Higher than 300°F. Non-combustible liquid

**EXTINGUISHING MEDIA:** water spray or carbon dioxide

**SPECIAL FIRE FIGHTING PROCEDURE:** The use of self contained breathing apparatus is recommended for fire fighters.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** No unusual fire & explosion hazards exist

## HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE:**  
Not established.

### EFFECT OF OVEREXPOSURE:

Inhalation of vapors may cause coughing & difficult breathing, contact with skin or eyes may cause irritation. Prolonged skin contact may cause dermatitis. Ingestion may cause headache, nausea, vomiting, gastrointestinal irritation, convulsions, & unconsciousness.

### EMERGENCY & FIRST AID PROCEDURES:

Flush skin & eye contact with water for 15 minutes. If swallowed, induce vomiting at once by giving 2 glasses of warm water and inserting finger down throat. Call a physician. Never give anything by mouth to an unconscious person. Remove contaminated clothing and wash before reuse. Discard damaged protective clothing and contaminated leather.

**CHRONIC EFFECT(S) OF OVEREXPOSURE:**  
Non identified

## REACTIVITY DATA

**STABILITY:** Stable at ordinary conditions  
**INCOMPATIBILITY/AVOID CONTACT WITH:** Strong oxidizing agents  
**HAZARDOUS DECOMPOSITION PRODUCT:** Carbon dioxide and/or monoxide  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**CONDITION TO AVOID:** None

## SPILL OR LEAK PROCEDURE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Keep personnel away from area. Dike large spills and remove to salvage tanks. Prevent washings from entering all waterways. Disposal should be carried out in compliance with federal, state, and local regulations regarding health, air, and water pollution. Contact authorities in event of large spills.

**WASTE DISPOSAL METHOD:** Usual disposal method for floor wiping and trash. Any disposal must comply with local, state, and federal regulation.

## SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:** Avoid prolonged periods of storage at higher temperatures, as it may cause undesirable degradation to products.

**OTHER PRECAUTIONS:** Keep out of reach of children. For Professional Use Only

## SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION (Specify Type):** Respiratory protection required if airborne concentration exceeds TLV.  
**VENTILATION- LOCAL EXHAUST:** Use general or local exhaust ventilation to meet TLV requirement.  
**MECHANICAL (General):** See Above  
**SPECIAL:** None  
**PROTECTIVE GLOVES:** Rubber Gloves  
**EYE PROTECTION:** Safety Goggles  
**OTHER PROTECTIVE EQUIPMENT:** Rubber apron or Lab coat

## REQUIREMENTS FOR TRANSPORTATION

**Proper Shipping Name:** Bala 20% Topical Anesthetic Gel  
**Hazardous Classification:** No DOT Regulation  
**Identification Number:** None  
**Reportable Quantity:** None  
**IMCO Class (International Travel):** Non-regulated  
**Additional Labeling:** Non-combustible liquid

## REGULATORY INFORMATION

**STATUS OF SUBSTANCE LIST FEDERAL EPA Comprehensive Environmental Response, Compensation and Liability Act of 1986 (CERCLA)** requires notification of the National Response Center of release and quantities of Hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR 302.4.

Components present in this product at a level which could require reporting under the statute are: Sodium Saccharin: CAS Reg. No. 81-07-2, Less than 2.%.  
Superfund Amendments and Regulations Act of 1986 (SARA) Title III Requires emergency planning based on Threshold Planning Quantities (TPWs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

Components present in this product at a level which could require reporting under the statute are - Sodium Saccharin: CAS Reg. No. 81-07-2, Less than 2.%. Requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included for this material.