

Benco/Caine Item #'s:

2508-350	2289-990
3072-980	2508-341
2353-204	4350-356
2289-981	

MATERIAL SAFETY DATA SHEET**TOPICAL ANESTHETIC 20% BENZOCAINE**

FOR CHEMICAL EMERGENCY CALL INFOTRAC 1-800-535-5053 24HRS PER DAY, 7 DAYS A WEEK

PRODUCT IDENTIFICATION

PRODUCT NAME: Topical Anesthetic Gel/Liquid
 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.% LD50 orally in rats greater than 50g./Kg (Smyth). Aminobenzoic acid ester: CAS Reg. No. 94-09-7, 20.% LD50 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 250oC,
 SPECIFIC GRAVITY: 1.091/25oC
 SOLUBILITY IN WATER: Disperse
 VISCOSITY: 164,000 Centipoise (Brookfield, Spindle #8,5rpm)
 APPEARANCE & ODOR: Gel with color and aroma of labeled flavor
 MELTING POINT: N.A.
 pH (in water): 6.05
 VAPOR PRESSURE: Negligible

FIRE & EXPLOSION DATA

FLASH POINT: Higher than 300oF. 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 own 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.
 PROTECTIVE GLOVES: Rubber Gloves
 EYE PROTECTION: Safety Goggles
 OTHER PROTECTIVE EQUIPMENT: Rubber apron or Lab coat

REQUIREMENTS FOR TRANSPORTATION

Proper Shipping Name: 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.%. 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. 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 40CFR 355 (used for SARA 302, 30

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