

MATERIAL SAFETY DATA SHEET

PRODUCT NAME

Polocaine Injection, USP

Address/Phone No.: DENTSPLY Pharmaceutical

3427 Concord Road
York, PA 17402
Phone: 717-757-0200
800-225-2787

CHEMTREC® Emergency Telephone Numbers (24-HOURS)

United States: 1-800/424-9300

International: 202/483-7616(collect)

These CHEMTREC® numbers are to be used ONLY IN THE
EVENT OF A CHEMICAL EMERGENCY INVOLVING
A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT.

1. MATERIAL AND MANUFACTURER IDENTIFICATION

SYNONYM(S) /CLASSIFICATION	Aqueous solutions of Polocaine (Mepivacaine hydrochloride) as pharmaceutical products.
PRODUCT USE	Local anesthetic products for use by injection.
MANUFACTURER NAME & ADDRESS	DENTSPLY PHARMACEUTICAL 3427 Concord Road York, PA 17402

2. REGULATORY INFORMATION

DOT (HMTA) Department of Transportation	Not listed as hazardous material.	U.N OR N.A. NUMBER None
EPA (CERCLA/RCRA) Environmental Protection Agency	Not listed as hazardous substance.	
OSHA (OSHA) Occupational Safety and Health Administration	Not listed as hazardous chemical.	
EPA (TSCA) Environmental Protection Agency	Not listed as hazardous chemical substance.	

3. HAZARDOUS INGREDIENTS

NAME	CAS NUMBER	% CONC.	OSHA PEL	ACGIH TLV	OTHER
Mepivacaine hydrochloride	1723-62-9	1.0 1.5 2.0 or 3.0	Not listed	Not listed	Not listed

4. PHYSICAL DATA

BOILING RANGE (deg. C)	~100	SOLUBILITY IN WATER	Soluble
MELTING POINT (deg. C)	~ 0	SPECIFIC GRAVITY (water = 1)	~ 1
VAPOR PRESSURE (mm Hg)@ 20 C	~ 17	EVAPORATION RATE (water = 1)	~1
VAPOR DENSITY (air =1)	0.6	PHYSICAL STATE	Liquid
COLOR AND ODOR	Clear, odorless		

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (AND METHOD USED)	Not flammable	FLAMMABLE LIMITS (STP) LOWER: N.A UPPER: N.A
EXTINGUISHING MEDIA	Not applicable	
SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT	None	
UNUSUAL FIRE AND EXPLOSION HAZARDS	None	

6. REACTIVITY DATA

STABILITY	STABLE	X	CONDITIONS TO AVOID None
	UNSTABLE		
INCOMPATABILITY (Materials to Avoid)	Compounds or materials which react violently with water		
HAZARDOUS DECOMPOSITION PRODUCTS	None		
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	

HAZARD CLASSIFICATION BASED ON NFPA SYSTEM	HAZARD CODE	FLAMMABILITY
	4: EXTREME 3: HIGH 2: MODERATE 1: SLIGHT 0: NEGLIGIBLE	HEALTH 0 REACTIVITY SPECIAL (See original for better diagram)

7. SPECIAL PROTECTION INFORMATION

VENTILATION	LOCAL EXHAUST <input checked="" type="checkbox"/> MECHANICAL (general) <input type="checkbox"/> SPECIAL <input type="checkbox"/>
RESPIRATORY PROTECTION (Specify Type)	Not normally required
PROTECTIVE CLOTHING	Not normally required
EYE PROTECTION	Not normally required
OTHER PROTECTIVE EQUIPMENT	Not normally required
WORK/HYGIENIC PRACTICES	Avoid ingestion and contact with the eyes.

8. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Clean up spills with normal procedures used for non-hazardous liquids.
DISPOSAL METHOD	Dispose as a non-hazardous waste.

9. SPECIAL PRECAUTIONS

HANDLING AND STORING REQUIREMENT	Store in a cool, dry place. Avoid extremes of temperature. Handle to avoid breakage.
PRECAUTIONARY LABELING	None required. Caution against ingestion and contact with eyes is recommended.

COMMENTS:

Data and information for items 4 through 9 relate to the products as a whole (aqueous solutions).

10. HEALTH HAZARD DATA

POTENTIAL CONTACT AND ROUTES OF ENTRY	INHALATION _ INGESTION <u>X</u> SKIN <u>X</u> EYE <u>X</u>
BASIS OF HEALTH HAZARD DETERMINATION	PRODUCT AS A WHOLE <u>X</u> INDIVIDUAL CONSTITUTENTS _
HEALTH HAZARDS	Ingestion and systemic absorption of chase products may cause acute toxic effects on the central nervous system and on the cardiovascular system. Allergic reactions may also occur. Contact may cause local irritation to sensitive tissues. Significant adverse effects on intact skin are unlikely. Contact with mucous membranes sensation are likely. Contact with the eyes may cause irritation. Eye contact is likely to cause numbness and effects on vision.
SIGNS AND SYMPTOMS OF EXPOSURE	Systemic effects may include nervousness, dizziness, blurred vision, tremors, convulsions, respiratory depression, slowing of the heart, blood pressure drop, and unconsciousness.
EMERGENCY AND FIRST AID PROCEDURES	Call a physician. Medical attention should include maintenance of breathing and control of convulsions if they occur. If eye contact occurs, wash thoroughly with clean water for 15 minutes.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	Hypersensitivity to local anesthetics of the amide type.
CARCINOGENICITY	NOT LISTED <u>X</u> NTP _ IARC _ OSHA _

COMMENTS:

Mepivacaine hydrochloride is a local anesthetic agent, and like all local anesthetics it can depress excitable tissues. Thus, it may cause adverse effects on the nervous system, on respiration, and on the cardiovascular system.