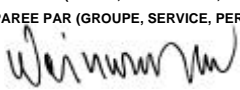


DENTSPLY CANADA LTD. MATERIAL SAFETY DATA SHEET/FICHE SIGNALÉTIQUE

SECTION 1 - PRODUCT IDENTIFICATION AND USE/IDENTIFICATION ET UTILISATION DU PRODUIT				
PRODUCT IDENTIFIER/ NOM/IDENTIFICATEUR DU PRODUIT		PRODUCT IDENTIFICATION NUMBER (PIN)/ NUMERO D'IDENTIFICATION DU PRODUIT (NIP)		
4% ASTRACAINE DENTAL with Epinephrine Forte 1:100,000		DIN 02248489 Prod. No. 1408-1		
PRODUCT USE USAGE DU PRODUIT Local Anesthetic solution for use in infiltration anesthesia, peripheral and central nerve blocks.				
MANUFACTURER'S NAME/NOM DU FABRICANT INIBSA Laboratories		SUPPLIER'S NAME/NOM DU FOURNISSEUR DENTSPLY Canada Ltd.		
STREET ADDRESS/NUMERO CIVIQUE Crtra. de Sabadell-Granollers, km 14.5		STREET ADDRESS/NUMERO CIVIQUE 161 Vinyl Court		
CITY/VILLE Llica de Vall	PROVINCE Barcelona, Spain	CITY/VILLE Woodbridge	PROVINCE Ontario	
POSTAL CODE POSTAL 08185	EMERGENCY TELEPHONE NO. D'URGENCE 9398439715	POSTAL CODE POSTAL L4L 4A3	EMERGENCY TELEPHONE NO. D'URGENCE (905) 851-6060 or 1-800-263-1437 FAX# (905)851-9809	
SECTION 2 - HAZARDOUS INGREDIENTS/INGREDIENTS DANGEREUX				
HAZARDOUS INGREDIENTS/ INGREDIENTS DANGEREUX	%	CAS NUMBER/ NUMERO CAS	TLV	OSHA PEL (ppm)
Articaine HCl	4.0	014252-80-3	1 mg/m ³	
Sodium metabisulphite	<0.055	007681-57-4	5 mg/m ³	
Epinephrine bitartrate	0.0010	N.A.		
SECTION 3 - PHYSICAL DATA/CHARACTERISTIQUES PHYSIQUES				
PHYSICAL STATE/ETAT PHYSIQUE Liquid	ODOUR AND APPEARANCE/ODEUR ET APPARENCE: Clear aqueous solution		Chemical Family: Articaine with Epinephrine	
VAPOUR PRESSURE (mm Hg)/ TENSION DE VAPEUR (mm Hg) 17 at 20°C	VAPOUR DENSITY (AIR-1)/ DENSITE DE LA VAPEUR (AIR-1) 0.6	EVAPORATION RATE/ TAUX D'EVAPORATION 1	BOILING POINT (°C)/ POINT D'EBULLITION (°C) >100°C	MELTING POINT (°C) POINT DE CONGELATION (°C) 0°C
pH: 2.7-4.5	SPECIFIC GRAVITY/DENSITE: 1.006/1.007	SOLUBILITY IN WATER: SOLUBLE		
SECTION 4 - FIRE AND EXPLOSION DATA/RISQUES D'INCENDIE OU D'EXPLOSION				
FLAMMABILITY/INFLAMMABILITE YES/OUI <input type="checkbox"/> NO/NON <input checked="" type="checkbox"/> IF YES, UNDER WHICH CONDITIONS? OUI, DANS QUELLES CONDITIONS?				
MEANS OF EXTINCTION/MOYENS D'EXTINCTION: Water spray, Foam, Dry chemical or CO ₂ .				
FLASHPOINT (°C) AND METHOD/ POINT D'ECLAIR (°C) ET METHODE DE DETERMINATION N.A.	UPPER FLAMMABLE LIMIT (% BY VOLUME) SEUIL D'INFLAMMABILITE MAXIMAL (% PAR VOLUME) UEL N.A.	LOWER FLAMMABLE LIMIT (% BY VOLUME) SEUIL D'INFLAMMABILITE MINIMAL (% PAR VOLUME) LEL N.A.		
AUTO-IGNITION TEMPERATURE (°C)/ TEMPERATURE D'AUTO-INFLAMMATION (°C): N.A.	HAZARDOUS COMBUSTION PRODUCTS/ PRODUITS DANGEREUX DE COMBUSTION: N.A.			
SENSITIVITY TO IMPACT/SENSIBILE A L'IMPACT MECANIQUE EXPLOSION DATA/ DONNES SUR LES EXPLOSIONS N.A.		SENSITIVITY TO STATIC DISCHARGE SENSIBILE A UNE DECHARGE STATIQUE N.A.		
SECTION 5 - REACTIVITY DATA/DONNES SUR LA REACTIVITE				
CHEMICAL STABILITY/STABILITE CHIMIQUE YES/OUI <input checked="" type="checkbox"/> NO/NON <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS? SI NON, DANS QUELLES CONDITIONS?				
INCOMPATIBILITY WITH OTHER SUBSTANCES/ INCOMPATIBILITE AVEC D'AUTRES PRODUITS YES/OUI <input checked="" type="checkbox"/> NO/NON <input type="checkbox"/> IF SO, WHICH ONES? SI OUI, LESQUELS? Water reactive materials.				
REACTIVITY, AND UNDER WHAT CONDITIONS?/CONDITIONS DE REACTIVITE Astracaine and epinephrine are unstable in alkaline solutions when exposed to air or light.				
HAZARDOUS DECOMPOSITION PRODUCTS/PRODUITS DE DECOMPOSITION DANGEREUX NONE				

PRODUCT IDENTIFIER/ NOM/IDENTIFICATEUR DU PRODUIT		ASTRACAINE 4% FORTE with Epinephrine 1:100,000	
SECTION 6 - TOXICOLOGICAL PROPERTIES/PROPRIETES TOXICOLOGIQUES			
ROUTE OF ENTRY/VOIES D'ABSORPTION			
SKIN CONTACT/ CONTACT DERMIQUE	X	SKIN ABSORPTION/ ABSORPTION DERMIQUE	X
		EYE CONTACT/ CONTACT OCULAIRE	X
		INHALATION	—
		INGESTION	X
EFFECTS OF ACUTE EXPOSURE TO PRODUCT/EFFETS DE L'EXPOSITION AIGUE AU PRODUIT High blood levels can cause toxic effects on cardiovascular and central nervous systems. Drowsiness is usually an early sign of excessively high level.			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT/EFFETS DE L'EXPOSITION CHRONIQUE AU PRODUIT Systemic effects may include nervousness, dizziness, blurred vision, tremors, convulsions, respiratory depression, slowing of the heart, blood pressure drop, and unconsciousness.			
EXPOSURE LIMITS/ SEUILS LIMITES D'EXPOSITION N.A.	IRRITANCY OF PRODUCT/ PROPRIETE IRRITANTE N.A.	SENSITIZATION TO PRODUCT/ SENSIBILISATION AU PRODUIT Rarely	CARCINOGENICITY/ CANCEROGENICITE NA
TERATOGENICITY/ TERATOGENICITE N.A.	REPRODUCTIVE TOXICITY/ EFFETS SUR LA REPRODUCTION NE	MUTAGENICITY/ MUTAGENICITE N.A.	SYNERGISTIC PRODUCTS/ PRODUITS SYNERGIQUES
SECTION 7 – PREVENTIVE MEASURES/MESURES PREVENTIVES			
PERSONAL PROTECTIVE EQUIPMENT/MATERIEL PERSONNEL DE PROTECTION			
GLOVES (SPECIFY)/GANTS (PRECISER): Impervious gloves	RESPIRATOR (SPECIFY)/APPAREIL RESPIRATOIRE (PRECISER) If needed, use approved respirator for organic vapours, dusts and mists with a TLV greater than 0.05 mg/m³	EYE (SPECIFY)/APPAREIL OCULAIRE (PRECISER): Chemical tight goggles.	
FOOTWEAR (SPECIFY)/CHAUSSURES (PRECISER)	CLOTHING (SPECIFY)/VETEMENTS (PRECISER) Laboratory coat and apron.	OTHER (SPECIFY)/AUTRES (PRECISER) Emergency eye wash fountain should be available.	
ENGINEERING CONTROLS (SPECIFY, EG, VENTILATION, ENCLOSED PROCESS)/INSTALLATION TECHNIQUES No ACGIH TLV or OSHA PEL assigned.			
LEAK AND SPILL PROCEDURE/PROCEDURES EN CAS DE FUITES ET DE DEVERSEMENTS Avoid skin and eye contact. Clean up spills using normal procedure used for non-hazardous waste. Carefully sweep or scoop up in paper and store in appropriate containers. Spill area may be washed down with water.			
WASTE DISPOSAL/ELIMINATION DES RESIDUS: Incinerate (Not readily biodegradable ISO 7827-1984 (E)).			
HANDLING PROCEDURES AND EQUIPMENT/METHODS ET EQUIPEMENT POUR LA MANUTENTION: No special precautions are necessary when handling packed product. In case of accident, avoid contact with skin and eyes. Do not breathe mist.			
STORAGE REQUIREMENTS/EXIGENCES EN MATIERE D'ENTREPOSAGE: Keep container tightly closed. Protect from light. Store at 2°-8°C. Avoid extreme temperatures. Shelf life: 2 years.			
SPECIAL SHIPPING INFORMATION/RENSEIGNEMENTS SPECIAUX EN MATIERE D'EXPEDITION Not Classified as Dangerous for Transport			
SECTION 8 - FIRST AID MEASURES/PREMIER SOINS			
SPECIFIC MEASURES/PREMIERS SOINS PARTICULIERS A ADMINISTRER			
Inhalation:	Remove patient from exposure. Obtain medical attention if ill effects occur.		
Skin contact:	Remove contaminated clothing. Wash skin with soap and water. If symptoms (irritation or blistering) occur obtain medical attention.		
Eye contact:	Irrigate with eye wash solution or clean water, holding the eye lids apart, for at least 15 minutes. Obtain medical attention.		
Ingestion:	Wash out mouth with water and give 200-300mL of water to drink. Do not induce vomiting. Obtain medical attention.		
Allergic reactions as result of sensitivity to bupivacaine are rare. No dermal LD₅₀ is available. Call a physician. Medical attention should include maintenance of breathing and control of convulsions if they occur.			
SECTION 9 - PREPARATION DATE OF MSDS/RENSEIGNEMENTS SUR LA PREPARATION DE LA FS			
PREPARED BY (GROUP, DEPARTMENT, ETC.)/ PREPAREE PAR (GROUPE, SERVICE, PERSONNE, ETC.)  Cadentrix	PHONE NUMBER/NO. DE TELEPHONE (416) 994-9356	DATE 4 October 2004	

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