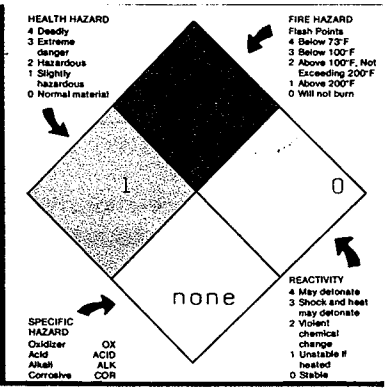
THE INFORMATION PROVIDED CONFORMS TO OSHA STANDARD 29 CFR 1910-1200

MATERIAL SAFETY DATA SHEET

CHURCH & DWIGHT CO., INC.

Sabra Dental Products of N.Y.
9 Pinoak Lane • Hauppauge, NY 11788
(631) 543-6575 • 800-888-4435 • FAX (631) 864-7107



*Includes Treated Free Flowing, Air Polishing Blend, Reagent, Industrial, Technical, Feed and various granulation grades.

SECTION I - GENERAL INFORMATION

CHURCH & DWIGHT CO., INC.
469 NORTH HARRISON STREET
PRINCETON, NEW JERSEY 08540

EMERGENCY TELEPHONE NUMBER (609) 683-5900
TELEPHONE NUMBER FOR INFORMATION: Same as above
DATE PREPARED: 2/6/89

SECTION II - IDENTIFICATION

CHEMICAL NAME: Sodium bicarbonate
DESCRIPTION: Inorganic salt

CAS#: 144-55-8
Formula: $NaHCO_3$

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S)):	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
NONE				

THIS PRODUCT IS NOT REGULATED UNDER OSHA HAZARD COMMUNICATIONS STANDARD, 29CFR 1910, 1200 OR S.A.R.A. TITLE III.

SECTION IV - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: DNA
SPECIFIC GRAVITY (H O = 1): 2.20
VAPOR PRESSURE (mm Hg.): DNA
MELTING POINT: Decomposes @ 228°F
VAPOR DENSITY (AIR = 1): DNA
EVAPORATION RATE (Butyl Acetate = 1): D.N.A.
SOLUBILITY IN WATER: Moderate
APPEARANCE AND ODOR: white, crystalline powder; no odor
D.N.A.: Does not apply

SECTION V - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NON CONBUSTIBLE
FLAMMABLE LIMITS: NA LEL UEL

EXTINGUISHING MEDIA: Water, Alcohol Foam or Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: If extremely large quantities are involved, significant levels of CO_2 may be generated making necessary the use of a self contained breathing apparatus (CO_2 is an asphyxiant at levels over 5%). Soda ash, another thermal decomposition product existing at temperatures above 200°F is a respiratory, eye, and skin irritant. Avoid skin contact and inhalation of dusts.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE: NO STABLE: Yes

CONDITIONS TO AVOID: Temperatures above 228 °F

INCOMPATIBILITY (MATERIALS TO AVOID): Reacts with acids to form salt, water and carbon dioxide

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Yields about 1% per hour Sodium Carbonate when temperature is raised to 190 °F. Dust may then be irritating to eyes, skin and respiratory tract. Heating above 228 °F may cause dangerous levels of CO_2 gas to be present in the atmosphere.

HAZARDOUS POLYMERIZATION: MAY OCCUR: NO WILL NOT OCCUR: Yes

CONDITIONS TO AVOID: NONE KNOWN

SECTION VII - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? Yes SKIN? NO INGESTION? Yes

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA Regulated? NO

	INHALATION	SKIN CONTACT	EYE CONTACT	INGESTION
ACUTE AND CHRONIC EFFECTS OF OVEREXPOSURE: MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	None Known	Not a skin irritant per 16 CFR 1500.41 nor dermally toxic per CFR 1500.42. Irritant dose: Human skin 30 mg/3 days intermittent; mild irritation.	Not an eye irritant per 16. CFR 1500.42 eye-rbt 100mg rns MLD.	Non toxic per 16 CFR 1500.3 orl-inf TDLo 1260mg/Kg orl-rat LD 4-8g/Kg Large doses have produced systemic alkalosis and expansion in intracellular fluid volume with edema.
EMERGENCY AND FIRST AID PROCEDURES		Flush with copious amounts of water for 15 minutes. Seek medical attention if irritation persists.		Seek medical attention immediately if overdose has been taken.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Scoop up into dry, clean containers.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store near incompatible substances. See Section IX for handling control measures.

OTHER PRECAUTIONS: None known

SECTION IX - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Dust mask required if total dust levels exceed 10mg/m

VENTILATION LOCAL EXHAUST: Keep dust levels below 10Mg/M SPECIAL: NA

MECHANICAL (GENERAL): SEE ABOVE OTHER: NA

PROTECTIVE GLOVES: No special requirements EYE PROTECTION: No special requirements

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No special requirements

WORK/HYGIENIC PRACTICES: No special requirements

SECTION X - TRANSPORTATION REGULATORY REQUIREMENTS

NOT REGULATED BY D.O.T.

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