

# Sodium Meta-phosphate



**Syn:**

**Madrells salt, grahams salt**

**MOP:**

**By dehydration of sodium  
phosphate**

# Physical Properties

- 1. Colorless powder**
- 2. Odorless**
- 3. Tasteless**
- 4. Insoluble in water**
- 5. Soluble in mineral salts solution**
- 6. Hygroscopic in nature**

- 1.As dental product  
(polishing agent )**
- 2.Manufacturing of dental  
products.**
- 3.Used in detergent**

**“ It should be stored in well  
closed container at a cool  
place.”**

# Dicalcium Phosphate



**Dibasic calcium phosphate, calcium monohydrogen phosphate, secondary calcium phosphate, calcium hydrogen phosphate**

**By using calcium chloride  
and disodium hydrogen  
phosphate**

# Physical Properties

- 1. Colorless powder**
- 2. Odorless**
- 3. Tasteless**
- 4. Insoluble in water**
- 5. Insoluble in alcohol**
- 6. Soluble in dilute hydrochloric acid solution**

- 1.As dental product  
(Cleansing agent)**
- 2.Manufacturing of dental products.**
- 3.Used as source of calcium and phosphate**

**“ It should be stored in well  
closed container at a cool  
place.”**