



## **MDBGN (Méthyldibromo glutaronitrile ) (D-049C)**

### **Synonyms**

2-Bromo-2 (bromomethyl) glutaronitrile 2-Bromo-2 (bromomethyl) pentanedinitrile  
1,2-Dibromo-2,4-dicyanobutane, Dibromodicyanobutane, Merquat 2200  
2-Phenoxyethanol, Tektamer 38

### **Composition and uses**

This product is a broad-spectrum preservative with activity against bacteria, fungi, and yeast. It is used in cosmetics and also in industrial products. Methyldibromoglutaronitrile is considered to be the main sensitizer, while phenoxyethanol has very low potential for causing sensitivity.

### **Sources of exposure**

General use: Cosmetic creams  
Topical medicines  
Paper and moist toilet paper  
Fabric softeners  
Liquid soaps  
Industrial source: Latex paints  
Adhesives and glues  
Wood preservatives  
Seed disinfectants  
Metalworking fluids

### **Prevention**

Carefully read the labels and package inserts of cosmetic products, and material safety data sheets of workplace chemicals.  
Avoid skin contact with products that contain methyldibromoglutaronitrile (and phenoxyethanol if you were found to be also allergic to this compound).

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