



# Denatonium Benzoate

INCI Denatonium benzoate  
CAS 3734-33-6

## SPECIFICATIONS

Appearance White powder  
Assay (%) 99 min  
Melting point (°C) 170 approx.

A ready-to-use solution is also available.

## GENERAL INFORMATION

Denatonium benzoate is a substance added to products for cosmetic and domestic use to prevent accidental ingestion. By adding Denatonium Benzoate to cosmetic products such as shampoo it discourages possible ingestion. Due to its extremely bitter and unpleasant taste to the added cosmetic it provides maximum security to the customer. In addition, Denatrol® can also be used in nail polish where it helps to fight against nail biting.

## FORMULATIONS & RECOMMENDATIONS

Recommended use concentration  
lower than 0.05%

Solubility  
Soluble in isopropyl alcohol, methanol (50 mg/ml), slightly soluble in acetone.

## BENEFITS

- Easy to handle
- Provides maximum security to the customer

## APPLICATIONS

Cosmetics

- Skin care
- Make up
- Toiletries
- Hair care

## SHELF LIFE

Up to 5 years under proper storage conditions