

## Product Datasheet

### GE0111 - Denatonium benzoate, USP grade

Precautionary Codes

P280, P302+P352,  
P305+P351+P338, P261,  
P301+P312

Pictograms

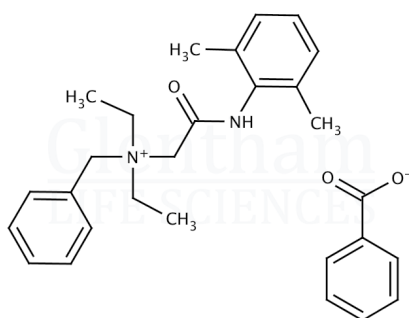


#### Product Details

|                    |                                |
|--------------------|--------------------------------|
| Product Name       | Denatonium benzoate, USP grade |
| Glenthams Code     | GE0111                         |
| CAS Number         | 3734-33-6                      |
| EINECS             | 223-095-2                      |
| MDL-Nummer         | MFCD00031578                   |
| Related Categories | Biochemicals                   |

#### Structure

|                   |                                      |
|-------------------|--------------------------------------|
| Molecular Weight  | : 446.59                             |
| Molecular Formula | : $C_{21}H_{29}N_2O \cdot C_7H_5O_2$ |



#### Glenthams Product Specification

|                                |                    |
|--------------------------------|--------------------|
| Physical Description           | : White powder     |
| Melting Point                  | : 163 - 170 °C     |
| pH                             | : 6.5 - 7.5        |
| Loss on Drying                 | : ≤ 1.0%           |
| Residue on Ignition            | : ≤ 0.1%           |
| Chloride (Cl)                  | : ≤ 0.2%           |
| Assay                          | : 99.5 - 101.0 %   |
| Pharmacopoeia Specification(s) | : USP              |
| Identification                 | : According to USP |
| Version                        | : v1.1             |

#### About Denatonium benzoate, USP grade

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, Eye Irr. 2A,  
STOT SE 3, STOT SE 3,  
Acute Tox. 4

Signal Word Achtung

Hazard Codes H315, H319, H335, H336,  
H302

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025