



# NIKITA

TRANSPHASE ADDUCTS PVT. LTD.

B – 20, Preeti Kanha  
K.V.Chitale Path, Dadar (W)  
Mumbai 400028. INDIA  
Tel : +91.22.2432 8735    Telefax : +91.22.2430 2271  
email : info@ntapl.com    website : www.ntapl.com

## Product Information

### Denatonium Benzoate

- Denatonium Benzoate was first discovered in 1958 during a search for better local anaesthetic. Because of its bitter taste and lack of any smell, the main use of Denatonium Benzoate is as a denaturant for Alcohol, and other toxic substances like Mono Ethylene Glycol. The bitterness of its taste and the fact that it is not toxic or carcinogenic makes it an ideal additive to prevent people and pets from ingesting, accidentally or deliberately, harmful liquids such as antifreezes, detergents, disinfectants, cleaning fluids, garden and horticulture products.
- As a denaturant for MEG based antifreeze it is now universally approved. Several countries have infact adopted legislation that makes addition of Denatonium Benzoate mandatory to potentially dangerous household products like antifreeze. It is effective at extremely small dosage levels; between 10-40 ppm is generally sufficient depending on the application.

### Product Specifications :

| Test                   | Unit | Specifications Limit                               |
|------------------------|------|--|
| Melting Pt             | °C   | 163-170  |
| pH(3% in aq. solution) | -    | 6.0-7.5  |
| Loss On Drying         | % wt | Max 1.0  |
| Sulphated Ash          | % wt | Max 0.1  |
| Chloride               | -    | Passes   |
| Assay                  | % wt | 99.5-101.0   |
| Appearance             |      | White Granular Powder                              |
| Particle Size          |      | 100% particles less than 10 mesh (less than 2 mm)  |
|                        |      | 50% particles less than 20 mesh (less than 0.9 mm) |