

# UJWAL PHARMA PVT LTD



Plant : N-52, MID C, TARAPUR, BOISAR, DIST PALGHAR – 401506, MAH

## PRODUCT SPECIFICATION:

Benzoic Acid,  $C_6H_5COOH$  is found in nature in free and combined forms and is one of the most commercially important aromatic carboxylic acids. It is prepared on industrial scale by the catalytic oxidation of Toluene. Its salts have wide usage as preservatives. When ingested by most vertebrates, its salts are extracted as hip uric acid. Next to Phenol, the greatest single usage to day for benzoic acid is as esters. These are used as poly vinyl chloride plastisizers, poly vinyl acetate adhesives and dyeing aids. Other uses include alkyd resins coating and fine chemical intermediates. One method for manufacturing Phenol involves benzoic acid as an intermediate.

## PHYSICAL PROPERTIES:

Benzoic Acid is a solid melting at 122.4 C, crystallizes in mono clinic tablets, plates or leaflets, starts to sublimes at about 100 C and is volatile with steam. The vapor of Benzoic Acid is irritating to the mucous membrane and induces sneezing and coughing when inhaled.

## GENERAL PHYSICAL PROPERTIES:

### BENZOIC ACID Tech

Chemical abstract no	:	65-85-0
Molecular formula	:	$C_6H_5COOH$
Appearance	:	Flakes / Powder
Melting Point	:	121 Deg C +/- 2
Boiling Point	:	249 C
Assay by GC	:	99 % Minimum
Acid Value	:	455 - 463
Total Oxidisable Matter	:	0.29 ml
Loss on drying	:	1.0 % Max
Density	:	1.2659 ( Water = 1)
Molecular Weight	:	122.13 g/mole
Color	:	5 - 25 Hz

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