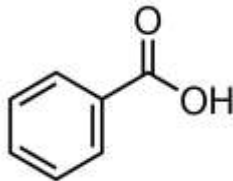




Product Specification

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BENZOIC ACID MEETS TO USP TESTING SPECIFICATIONS

PRODUCT CODE	U04725
SYNONYMS	Benzenecarboxylic acid, Carboxybenzene, Draclyic acid, Phenylmethanoic acid
C.I. NO.	--
CASR NO.	65-85-0
ATOMIC OR MOLECULAR FORMULA	C ₇ H ₆ O ₂
ATOMIC OR MOLECULAR WEIGHT	122.1
PROPERTIES	--
	
PARAMETER	LIMIT
Description	White/colourless needles / crystals / crystalline powder or flakes.
Solubility	10% solution in methanol is clear and colourless.
Identification 'A'	A salmon-coloured precipitate is formed
Identification 'B'	A white precipitate forms in 10 min; This precipitate is soluble in ether
Appearance of solution	Solution should be clear and colorless
Minimum assay (Acidimetric, on anhydrous basis)	99.5% - 100.5%
Congearing point	121°C - 123°C
MAXIMUM LIMIT OF IMPURITIES	
Water	0.7%
Residue on ignition	0.05%
Readily carbonisable substance	The solution has no more color than Matching Fluid Q
Readily oxidisable substance	NMT 0.50 mL of 0.10 N potassium permanganate is consumed.
Note(s) : Assay (if applicable) method mentioned.	
DANGER Hazard statements: Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. Causes damage to organs through prolonged or repeated exposure if inhaled. Precautionary statements Prevention: Contaminated clothing should not be allowed out of the workplace. In case of inadequate ventilation wear respiratory protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Response: Wear eye/face protection. If eye irritation persists, get medical advice/attention. If skin irritation or rash occurs, seek medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. Wash contaminated clothing before reuse. If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
Disposal: Dispose of contents and container in accordance with relevant legislation.	
IMDG Code : UN No. : IATA :	



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Hazard Pictogram(s) :



GHS05



GHS08