

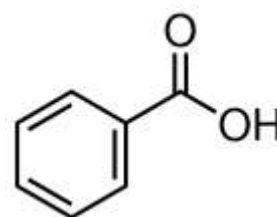


Product Specification

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BENZOIC ACID

PRODUCT CODE	H06255
SYNONYMS	--
C.I. NO.	--
CASR NO.	65-85-0
ATOMIC OR MOLECULAR FORMULA	C ₇ H ₆ O ₂
ATOMIC OR MOLECULAR WEIGHT	122.12
PROPERTIES	Soluble in alcohol, ether, chloroform, benzene, carbon disulfide, carbon tetrachloride, turpentine; slightly soluble in water, combustible.



PARAMETER	LIMIT
Description	White/colourless needles / crystals / crystalline powder or flakes.
Solubility	10% solution in methanol is clear and colourless.
Identification (A,B,C,D)	Passes tests.
Assay (Acidimetric, on anhydrous basis)	99.5-100.5%
Melting range	121°- 124°C

MAXIMUM LIMIT OF IMPURITIES

Sulphate (SO ₄)	0.002%
Heavy metals (as Pb)	0.0005%
Iron (Fe)	0.005%
Halogenated compounds (as Cl)	0.005%
Sulphur Compounds (as S)	0.002%
In Methanol insoluble matter	0.005%
Oxidizable matter	Passes test.
Substances reducing permanganate	Passes test.
Readily carbonisable substance	Passes test.
Sulphated ash	0.005%
Water	0.5%

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.

IMDG Code :

UN No. :

IATA :



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Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



GHS05



GHS08

Replace date 06-Aug-2026