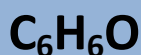




Product Specification

PHENOL FOR MOLECULAR BIOLOGY

PRODUCT CODE	970698
SYNONYMS	Carbolic Acid
C.I. NO.	--
CASR NO.	108-95-2
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₆ O
ATOMIC OR MOLECULAR WEIGHT	94.11
PROPERTIES	--



PARAMETER	LIMIT
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Description	White crystalline compound/clear hygroscopic crystals.
Solubility	5% aqueous solution is clear & colourless.
Minimum Assay (GC)	99.5%
Freezing point	40-41 ^o C

MAXIMUM LIMIT OF IMPURITIES

Non volatile matter	0.01%
Chloride (Cl)	0.0005%
Iron (Fe)	0.0001%
Magnesium (Mg)	0.0002%
Lead (Pb)	0.0005%
Water (KF)	0.5%

Note(s) : 1] Assay (if applicable) method mentioned.

DANGER

Hazard statements: Toxic if swallowed. Suspected of damaging fertility. May be corrosive to metals. Causes severe skin burns and eye damage

Precautionary statements

Prevention: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Obtain special instructions before use. Wear protective gloves/clothing and eye/face protection. Use personal protective equipment as required. Do not breathe dust or mist. Do not handle until all safety precautions have been read and understood.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If exposed or concerned: Get medical attention advice. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Specific treatment: refer to Label or MSDS.

Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code :
UN No. :
IATA :

Hazard Pictogram(s) :



Acute toxicity



Aspiration hazard



Corrosive to metals