



# Product Specification

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## MERCURIC CHLORIDE

PRODUCT CODE	029163
SYNONYMS	[Mercury (II) chloride]
C.I. NO.	--
CASR NO.	(7487-94-7)
ATOMIC OR MOLECULAR FORMULA	HgCl <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	271.50
PROPERTIES	Soluble in methanol, acetone, ethyl acetate. Slightly soluble in carbon disulfide, pyridine.
PARAMETER	LIMIT
Description	A white/colourless crystals / crystalline powder.
Solubility	5% solution in water is clear and colourless.
Minimum Assay (Complexometric,ex Hg)	99.0%
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Calcium (Ca)	0.005%
Iron (Fe)	0.005%
<b>Note(s) : 1] Assay (if applicable) method mentioned.</b>	
<b>DANGER</b> <b>Hazard statements:</b> Fatal in contact with skin. Fatal if swallowed. Fatal if inhaled. May damage the unborn child. Causes damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure. Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects. <b>Precautionary statements</b> <b>Prevention:</b> Use only outdoors or in a well ventilated area. Wear respiratory protection. Wash hands thoroughly after handling. Do not breathe dust or mist. Wear protective gloves/clothing. Wear protective loves/clothing and eye/face protection. Wash thoroughly after handling. Do not get in eyes, on skin or on clothing. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapours/spray. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. <b>Response:</b> IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If exposed or concerned: Get medical attention advice. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep container tightly closed. Wash contaminated clothing before reuse. Get medical advice/attention if you feel unwell. Remove/Take off immediately all contaminated clothing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Immediately call a POISON CENTER or doctor/physician. Wash/Decontaminate removed clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water. <b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.	IMDG Code : 6.1/II UN No. : 1624 IATA : 6.1
Hazard Pictogram(s) :	 GHS05  GHS06  GHS08  GHS09

Replace date 10-Jan-2026