





CHLOROauric ACID

PRODUCT CODE	R05102	
SYNONYMS	(Gold chloride, Tetrachloroauric(III) acid Trihydrate)	
C.I. NO.	--	
CASR NO.	(16961-25-4)	HAuCl₄ • 3H₂O
ATOMIC OR MOLECULAR FORMULA	HAuCl ₄ •3H ₂ O	
ATOMIC OR MOLECULAR WEIGHT	393.83	
PROPERTIES	Soluble in water, ether and alcohol. Melts at around 30°C.	
PARAMETER	LIMIT	
Description	Bright golden yellow or orange crystalline powder or lumps, solid.	
Solubility	3% <u>soln. in</u> diethyl ether is clear and bright.	
Minimum Assay (as Au)	49.0%	
MAXIMUM LIMIT OF IMPURITIES		
Matter insoluble in diethyl ether	0.1%	
Alkalies & other metals (as sulphates)	0.2%	
Note(s): 1] Assay (if applicable) method mentioned. 2] Store at : 0 – 8°C		
WARNING	IMDG Code : 8 / II	
HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.	UN No. 3260	
PRECAUTIONARY STATEMENTS	IATA 8	
Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.		
Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re-use.		
Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.		
Hazard Pictogram(s) :		
 		
<p>GHS05 GHS07</p>		

Replace Date 1 April 2023

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