



Product Specification

E Control	QC2\DATA\ID:IPS\37686XPS.xls
PRODUCT CODE	37686
PRODUCT NAME	CHLOROAURIC ACID EXTRAPURE, ACS
SYNOMYS	(Gold chloride, Tetrachloroauric(III) acid Trihydrate)
C.I. NO.	--
CASR NO.	(16961-25-4)
ATOMIC OR MOLECULAR FORMULA	HAuCl₄.3H₂O
ATOMIC OR MOLECULAR WEIGHT	393.83
PROPERTIES	Soluble in water, ether and alcohol. Melts at around 30°C.

HAuCl₄.3H₂O

PARAMETER	LIMIT
Description	Bright golden yellow crystalline powder.
Solubility	3% soln.in 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

HAZARD DANGER May be corrosive to metals. Fatal in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. Fatal if inhaled. Causes damage to organs through prolonged or repeated exposure. continued.. PRECAUTIONARY STATEMENTS. Prevention : Keep only in original container. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Do not get in eyes, on skin, or on clothing. Wash ... thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection. Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Gently wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Get medical advice/attention if you feel unwell. Specific treatment is urgent (see MSDS). If skin irritation or rash occurs: Get medical advice/attention Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.	IMDG Code : 8/II UN No. : 3260 IATA : 8
--	--

Disposal: The chemical is retained for recovery.

Hazard Pictogram(s) :



 **Acute toxicity**  **Aspiration hazard**  **Corrosive to metals**

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 23.03.2015.
Date : 12.03.2015.	Date : 12.03.2015.	Date : 23.03.2015.	AMEND NO.: 1671.