

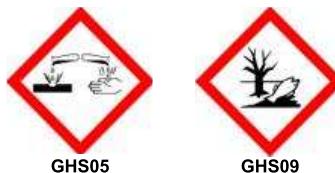
## TRICHLORO ACETIC ACID AR/ACS FOR DETERMINATION OF SERUM-IRON PROTEIN

PRODUCT CODE	662965
SYNONYMS	TCA ; 2,2,2 -Trichloroacetic acid
C.I. NO.	--
CASR NO.	(76-03-9)
ATOMIC OR MOLECULAR FORMULA	CCl <sub>3</sub> COOH
ATOMIC OR MOLECULAR WEIGHT	163.39
PROPERTIES	Hygroscopic
PARAMETER	LIMIT
Description	White, crystals or colourless crystals, very deliquescent with a pungent odour.
Solubility	10% solution in water is clear and colourless.
Clarity of solution	Passes test.
Identification (A,B,C)	Passes tests.
Minimum Assay (Acidimetric)	99.5%
Melting point	54°- 58°C
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Residue after ignition ( as sulphated ash)	0.03%
Insoluble matter	0.01%
Chloride (Cl)	0.002%
Nitrate (NO <sub>3</sub> )	0.002%
Phosphate (PO <sub>4</sub> )	0.0005%
Sulphate (SO <sub>4</sub> )	0.02%
Copper (Cu)	0.0005%
Iron (Fe)	0.002%
Heavy metals (as Pb)	0.002%
Substances darkened by	Passes test.
Sulphuric acid	
<b>Note(s) : Assay (if applicable) method mentioned</b>	
<b>DANGER</b>	
<b>Hazard statements :</b> May be corrosive to metals. Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects	IMDG Code : 8/II
<b>Precautionary statements</b>	UN No. : 1839
<b>Prevention:</b> Do not breathe dust or mist. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.	IATA : 8
<b>Response:</b> IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wash contaminated clothing before reuse. 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. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/ shower. Specific treatment: refer to Label or MSDS.	
<b>Disposal:</b> Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2% .Neutralize with 5% sodium hydroxide soln. and run to waste with large volumes of running water	

# Product Specification

cdhfinechemical.com

Hazard Pictogram(s) :-



Replace Date 29-Jan-2026