

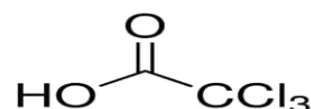


# Product Specification

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

<b>PRODUCT CODE</b>	<b>662965</b>
<b>SYNONYMS</b>	<b>TCA ; 2,2,2 -Trichloroacetic acid</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(76-03-9)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>CCl<sub>3</sub>COOH</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>163.39</b>
<b>PROPERTIES</b>	<b>Hygroscopic</b>
<b>PARAMETER</b>	<b>LIMIT</b>
Description	White, crystals or colourless crystals, very deliquescent with a pungent odour.
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)	0.001%
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)	0.001%
Heavy metals (as Pb)	0.002%
Substances darkened by Sulphuric acid	Passes test.
<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 <b>Precautionary statements</b> <b>Prevention</b> : Do not breathe dust or mist. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. <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.	IMDG Code : 8/II UN No. : 1839 IATA : 8
<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	





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Hazard Pictogram(s) :-



GHS05



GHS09

Replace Date 28.09.2022