



Product Specification

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 ₃ COOH
ATOMIC OR MOLECULAR WEIGHT	163.39
PROPERTIES	Hygroscopic

CCl₃COOH

PARAMETER	LIMIT
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

MAXIMUM LIMIT OF IMPURITIES

Residue after ignition (as sulphated ash)	0.03%
Insoluble matter	0.01%
Chloride (Cl)	0.001%
Nitrate (NO ₃)	0.002%
Phosphate (PO ₄)	0.0005%
Sulphate (SO ₄)	0.02%
Copper (Cu)	0.0005%
Iron (Fe)	0.001%
Heavy metals (as Pb)	0.002%
Substances darkened by Sulphuric acid	Passes test.

Note(s) : Assay (if applicable) method mentioned

DANGER

Hazard statements : May be corrosive to metals. Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects

Precautionary statements

Prevention: Do not breathe dust or mist. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.

Response: 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

IMDG Code : 8/II
UN No. : 1839
IATA : 8



treatment: refer to Label or MSDS.

Disposal: 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

Hazard Pictogram(s) :-



Corrosive to metals



Aquatic environment