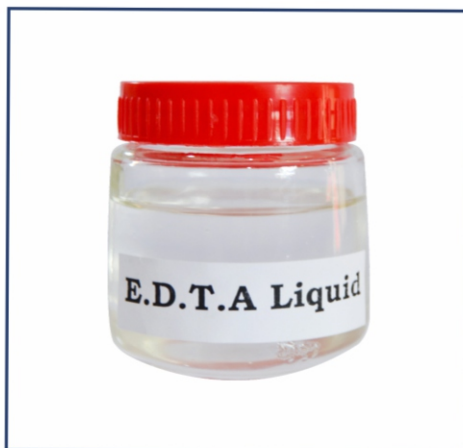


EDTA LIQUID (TETRASODIUM EDTA LIQUID)



General Specification

		EL-100	EL-85	EL-50
1	C.A.S. No	64-02-8	64-02-8	64-02-8
2	Chemical Formula	$C_{10}H_{12}N_2O_8Na_4$	$C_{10}H_{12}N_2O_8Na_4$	$C_{10}H_{12}N_2O_8Na_4$
3	Physical Appearance	Liquid	Liquid	Liquid
4	Color	Clear To Pale Yellow	Clear To Pale Yellow	Clear To Pale Yellow
5	Active Ingredient	Na_4EDTA	Na_4EDTA	Na_4EDTA
6	Molecular Weight	380.27	380.27	380.27
7	Active Content	39.0% \pm 1.0%	32.0% \pm 1.0%	17.0% \pm 1.0%
8	Chelation Value	100.0 \pm 2.0	85.0 \pm 3.0	50.0 \pm 3.0
9	pH In 1% Solution	11.0 To 12.0	9.0 To 11.0	7.0 To 10.0

Description

EDTA liquid of different strengths as listed in our catalogue are manufactured by Shiv Chem Industries since 1987. We are leading manufacture and Exporter of EDTA liquid. EDTA Tetra Sodium liquid is a chelating agent or sequestering agent. It is a solution of tetra hydrate salt of EDTA, available as clear, transparent colourless to pale yellow liquid, depending on their chelating power. It is a reaction product of EDTA acid with sodium hydroxide solution at higher temperature.

Handling

It is highly alkaline (pH 10-12), so handle with care to prevent any leakage / spillage from carboy or drum. EDTA Tetra Sodium liquid causes serious irritant to eyes and skin. While handling this product, please wear goggles, gloves and safety shoes. Handle with care, no hooks allowed. In case of large spillage wash it with plenty of water. In case of injury to skin, wash it with water and then wash thoroughly with neutral soap and water. Regardless of the seriousness of the case, medical attention should be sought.

Storages

EDTA Tetra Sodium liquid is stored in a cool dry place. Ensure proper ventilation in storage area. Keep them away from heat sources, direct sun light and moisture. It is stored in container made of, or lined with polyethylene, polypropylene or high density polyethylene. EDTA Tetra Sodium liquid should be stored at ambient temperature between 20°C to 48°C to avoid crystallisation in cold season.

Packing

EDTA Tetra Sodium liquid is available in 40 Kgs HDPE carboy or 250 Kgs HDPE drum, tanker load or as per customer's requirement.

Applications

EDTA liquid use in textile industries, it is used in scouring and bleaching, where hardness of water which otherwise lead to patchy results, and it improves the whiteness of full bleached fabrics, when incorporated in peroxide bath. It eliminates tiny holes on fabric due to iron particles.

It improves the colour yield when dyeing with chrome, vat, reactive and disperse dyestuff.

It is necessary to remove certain metals namely, iron, copper, manganese, aluminium, tin, zinc etc., whenever hard water is likely to affect. We recommend as under.

Hardness in PPM as CaCO_3	EL-100 grade per 100 gallons of water
200	6-6.5 Kg
400	12-13 Kg
600	18-19 Kg
800	24-25 Kg

A very large quantity of EDTA liquid is used in Rayon industries, as it prevents the precipitation of lead sulphate and removes the metallic impurities.

EDTA liquid is used in many industries, wherever hard water is used.

EDTA liquid has many medical and scientific uses.

EDTA liquid is used in Personal care, Pharma industries, Cosmetic industries, Photography, Pulp And Papers.

EDTA liquid is used in textiles (Bleaching, Dyeing, kier boiling & scouring), Soap and detergents, Lather industries.



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