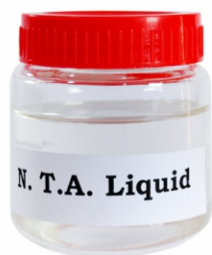


NTA LIQUID (TRISODIUM NTA LIQUID)



N.T.A. Liquid



General Specification

1	C.A.S. No	5064-31-3
2	Chemical Formula	$C_6H_6NO_6Na_3$
3	Physical Appearance	Liquid
4	Color	Clear to Pale Yellow
5	Molecular Weight	257.08
6	Active Content	39.0% $\pm$ 1.0%
7	Chelation Value	155.0 $\pm$ 3.0
8	Ph In 1% Solution	10.0 to 12.0
9	Solubility	Soluble in Water

Description

A high grade of NTA Liquid is manufactured by Shiv Chem industries since 1987. We are leading manufacture and Exporter of NTA liquid. NTA liquid is a Sequestering Agent or Chelating Agent. It is a Clear to pale yellow solution, soluble in water. It is produced by taking a reaction between NTA acid, caustic lye and DM water at higher temperature. NTA liquid is also called NTA solution, trisodium NTA liquid, trisodium NTA solution, liquid NTA, Nitrilo tri acetic acid trisodium salt solution or NL160.

Handling

NTA 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

NTA 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.

Packing

NTA liquid is packed in 40 kgs Virgin HDPE carboy or 250 Kgs HDPE barrel /drum, tanker load or as per customer's requirement.

Applications

NTA liquid acid is a chelating agent. It is used for water softening and as a replacement to sodium and potassium in detergents and cleansers. NTA liquid as a chelating agent removes Chromium, Copper, and Arsenic from wood that had been treated with chromated-copper arsenate. NTA liquid and its salts are used for removing unwanted inorganic impurities present in the system which helps in getting superior performance & cost saving.

NTA liquid is used as a metal coupled in the manufacturer of copper Phthalocyanine.

NTA liquid is indeed useful in fertilizers because it helps in enhancing the availability of essential metal ions like iron, zinc and copper to plants. These metal ions are critical for various plant functions, including enzyme activation, photosynthesis and overall growth.

NTA liquid is used as a stabilizer for hydrogen peroxide and as a chelating agent in the production of metal-based catalysts.

NTA liquid played a role in, medical diagnostics as a complexing agent in certain laboratory test result. NTA liquid helps maintain NTA liquid in water quality by preventing scaling and corrosion caused by metal iron.

NTA liquid is also used extensively in the treatment of boiler water to prevent accumulation of mineral scale. NTA liquid is used in lesser extent in photography, textile manufacturing, paper & cellulose production metal plating & clinging operation.

NTA liquid used as a chelating and sequestering agent, and as a builder in synthetic detergents. It is also used as an eluting agent in the purification of rare earth elements. NTA liquid also uses as textile treatment, in metal plating and cleaning and in pulp and paper processing. It is used in cosmetics, detergent and also in photography.

NTA liquid widely used in chemical plating. NTA liquid is also used in synthetic rubber and phosphate free detergent.



SHIV CHEM INDUSTRIES



+91-79-22823447 | +91- 98255 77277 | +91-98253 12613
+91-99259 77277 | +91- 95588 77277



Chelateshivchem@yahoo.co.in | info@shivchem.com
sales@shivchem.com



www.shivchem.com | www.edta.in
www.shivchemindustries.com | www.shivchemindustries.in



Address: C-1/B, 1307/10, Road-G, Lane-5, Phase-IV,
GIDC, Naroda, Ahmedabad - 382330, Gujarat, India.



Mumbai Office : B-004, Poornima Apts, 23 Pedder Road,
Mumbai - 400026, Maharashtra.



Contact :- 022-23523091, 022-23520235, +91-98210 38627