



Are you using the most effective chelating agent?

## NTA outperforms EDTA at lower concentrations

With a higher binding capacity, NTA chelates more metal ions with less material than EDTA chelating agents. With a nearly 50 percent higher chelation value (154 vs. 104), NTA is pound-for-pound more effective than common EDTA chelating agents, like Versene 100, Dissolvine E-39 and Trilon B. In fact, you need only 0.68 pounds of NTA to replace one pound of EDTA – without sacrificing performance.

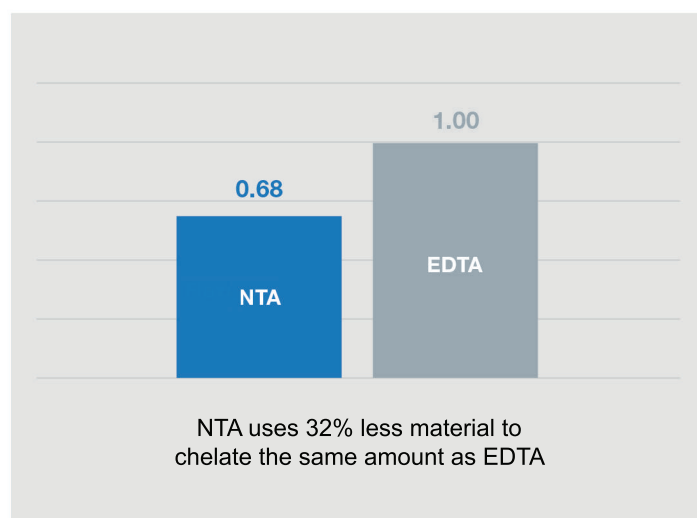
### STABLE, WATER-SOLUBLE COMPLEXES

NTA forms water-soluble complexes with polyvalent metal ions, including calcium, magnesium, iron, copper and zinc. These complexes are stable at temperatures up to 100°C and a pH range between 2.0 and 13.5, particularly in alkaline conditions.

### ENVIRONMENTAL AND REGULATORY PROFILE

	NTA	EDTA
Readily biodegradable	Yes	No
Regulated transport	No	Yes
Better GHS pictogram*	Yes	No

\* Based on REACH



### EFFECTIVE IN SURFACE CLEANING

NTA is effective in caustic-based formulations for a number of surface cleaning applications including hard surfaces, metals, and vehicles.

- Extensive testing in our laboratories has shown that NTA-based vehicle wash formulations are effective against a variety of soiling conditions.
- In addition, our tests found no corrosion on the paint and lacquer finishes, and no attack on the rubber components.

For more information about our NTA products, please visit <http://www.wintersunchem.com/item?product=14-045>