



DESELEX™ LIQUID

Description:

Deselex liquid is a powerful sequestering and chelating agent that is a successful replacement for phosphates in the manufacture of detergents.

Deselex liquid is an ecologically sound alternative to the use of phosphates. Deselex liquid has been shown to be biodegradable while not stimulating algae growth typically associated with phosphate usage. Deselex liquid also does not seem to produce any toxic manifestations in fish-life in aerated solutions.

Uses:

The use of Deselex liquid is an economical alternative to the use of phosphates in detergents. For example by complexing 5% of Deselex liquid with 16% of sodium silicate or borate, a detergent can be built with the same detergency as a formula containing 50% sodium tripolyphosphate. The balance of the phosphate may be replaced by other less costly components.

Nomenclature:

CAS: 68611-02-9, 102-71-6

CHEMICAL: Gluconocitrate polyamino EDTA, Sodium Salt, Triethanolamine

EINECS (Europe): N/A, 203-049-8

DSL/NDSL (Canada): 54745, 2178

ENCS (Japan): N/A, JSCI 001446

Typical Properties:

These Values are typical properties only and not necessarily specifications. Specifications and test methods are available upon request.

Form	Clear Liquid
Color	Straw
Chelation Value pH 1% solution	86-103 ≥ 9.8

Testing:

Side by side detergency tests show that a detergent containing 5% Deselex liquid performs comparably to a control containing 50 % sodium tripolyphosphate at varying water hardness levels.

Storage and Handling:

Avoid contact with strong oxidizers. Avoid contact with eyes and skin. If spilled, wash copiously with water.

Availability:

Deselex liquid is available in 50-pound pails or drums containing 555 pounds net weight.

Contact Guardian Laboratories for information about samples or sales.