

Technical Data Sheet Lanthanum (III) Chloride 28% TREO solution, 99% La₂O₃/TREO

Concentration: The solution is 28% TREO (Total Rare Earth Oxide)

Typical Application: Lanthanum Chloride (LaCl₃) is used for treatment in aquariums, water parks, residential waters as well as in aquatic habitats for the prevention of algae growth.

Dosage: One (1) quart removes 3,000 ppb (3 mg/L) phosphates from 20,000 gals of water. The solution should be added into the skimmer or into the system prior to filtration. Any excess material added beyond recommendation, may lead to cloudiness of water system.

Advantages:

- \square Removes phosphate down to <10 ppb (<0.01 mg/L)
- □ Hinders growth of algae due to low phosphate level
- □ Will not discolor system
- Enables the reduction of chlorine to eliminate algae

Specifications:

>=27%, <=29% >=99% reported on COA reported on COA reported on COA reported on COA
reported on COA
3.0 - 5.0

Storage: Keep container tightly closed. Store in a cool, dry, well ventilated environment. This solution is suitable for storage in any general chemical environment.

Safety and Handling: Avoid eye and skin exposure. If contact occurs, rinse eyes with copious amounts of water; wash affected skin thoroughly with soap and water for at least 5 minutes. Seek medical attention if irritation persists.

Properties: 64% LaCl₃ • 7H₂O; 42% LaCl₃

 $La^{3+} + PO_4^{3-} \longrightarrow La(PO_4)$ (Soluble)

(Insoluble)

Typical Physical Properties:

- □ Appearance: Clear, Yellow solution
- □ Specific Gravity: ~1.57
- □ Cas Number: 10025-84-0

DOT: Not Regulated

If you would like a sample to see how it works in your specific conditions please contact our sales department via phone or email us at info@ecologixsystems.com