

# Seachem AmGuard Liquid

## Product Description:

AmGuard<sup>®</sup> safely, rapidly and efficiently removes toxic free ammonia. It is safe to use during tank cycling and is ideal for treating unexpected emergency situations. AmGuard<sup>®</sup> reacts with free ammonia within minutes and does not alter pH. Ammonia can exist in two forms: free and ionized. It is only the free form that is toxic. Traditional ammonia test kits convert all ammonia to free ammonia by raising pH to 12-14; at this pH AmGuard<sup>®</sup> cannot function and thus a false positive reading will result. Use Ammonia Alert<sup>®</sup> or MultiTest<sup>®</sup>: Free & Total Ammonia to directly monitor levels of free ammonia. AmGuard<sup>®</sup> also removes chlorine and chloramines.

## Directions:

**BEGINNER:** Use 1 capful (5 mL) for every 200 L (50 gallons\*) daily or as needed to reduce ammonia. (Note: The 2 & 4 L container's cap is 10 mL). **ADVANCED:** If you have an Ammonia Alert<sup>®</sup> that is reading alert, then use 1 capful (5 mL) for every 400 L (100 gallons\*) daily. If it reads alarm, then use 1 capful for every 200 L (50 gallons\*) daily. If it reads toxic, then use 1 capful for every 80 L (20 gallons\*) daily. **EXPERT:** If using our MultiTest<sup>®</sup>: Free & Total Ammonia test kit, use 1 capful (5 mL) for every 40 L (10 gallons\*) to remove 1 mg/L (ppm) of free ammonia. Alternatively you may employ the following formula for a variety of ammonia and water levels:  $0.125AV=m$  (for volume in liters) or  $0.5AV=m$  (for volume in gallons\*). A=ammonia concentration in mg/L, V=the volume of water being treated and m=the volume of AmGuard<sup>®</sup> to use in mL. For example, to remove 1 mg/L of ammonia in 100 gallons\* you would use  $0.5 \times 1 \times 100 = 50$  mL. If water temperature is above 30 °C (86 °F) do not use. Available Sizes: 50 ml, 100 ml, 250 ml, 500 ml, 2 L, 4 L, 20 L