

# Seachem AmGuard Liquid

## Product Description:

AmGuard 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 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 cannot function and thus a false positive reading will result. Use Ammonia Alert or MultiTest: Free & Total Ammonia to directly monitor levels of free ammonia. AmGuard 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 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: 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 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