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Data sheet:

## Aquatic Management Products



When the words "aquatic" and "chemical" are used together, most people get a little nervous. There have been many stories in the last few decades involving chemical pollution and environmental poisoning. With this kind of history there is cause for concern over the use of chemicals in or near watersheds. This sheet is designed to help our clients better understand the nature of the products ASAP uses daily.

Almost all of the negative impacts of chemicals in waters are caused by industrial waste or land based herbicides. Industrial contamination is a federal offense and responsible parties are held accountable. This kind of pollution will most likely eradicate all aquatic life for miles from the actual pollution point. Land based herbicides are not intended for water use and remain active for long periods of time after application. Land based chemicals have either been introduced illegally into water or found a way into the water accidentally. Industrial contaminants and most land based chemicals are stored in animal fat cells after exposure. Chemicals that are stored in animal fat will be passed from prey to predator all the way up the food chain.

Aquatic chemicals (those designed specifically for use in and around water) differ greatly with those for land use. Aquatic chemicals are designed to biodegrade quickly (hours or minutes) in the environment. They are broken down by sunlight or bind with the particles in the water to form inert compounds. Aquatic chemicals are not stored in animal fat cells to be retained and passed along from animal to animal. Virtually all products used in your pond by ASAP have no fishing, drinking or swimming restrictions. No restriction means that treated water is available for recreational use immediately after application. *Some products may have an irrigation restriction, but notice is always given prior to applications.*

ASAP only uses EPA recognized products that are registered exclusively for aquatic sites. On rare occasions, a few fish may expire after an application, however, *the product used **did not poison** the fish.* The fish have responded to a displacement of dissolved oxygen caused by rapid plant decomposition. Some fish species are very sensitive to acute dips in the dissolved oxygen levels and may perish as a result. This circumstance is rare and almost always affects only one species of the fish community (most often shad). We only mention this uncommon phenomenon to avoid any confusion over "aquatic chemical poisoning". Aquatic chemicals, when used responsibly, are only lethal to specific plant species, **not animals.**