

Clean Up After a Storm

- Locally Flooded Pools

In the cases of heavy rains and winds where flooding is localized to backyards there are some immediate concerns which should be addressed.



Immediate Cleanup

- Access pumps and filters and electrical equipment and take immediate measures to protect from flood waters. Do not attempt to turn on or use equipment that is or has been submerged in water. **Contact a licensed professional electrician to deal with flooded electrical equipment**
- Immediately remove physical debris such as tree limbs, leaves or patio furniture. Clean out skimmer and pump baskets
- If equipment has not been compromised clean filter immediately and begin running pump and filter
- Brush down pool walls and thoroughly vacuum the pool floor
- Use sand bags or other water deterrent means to keep equipment areas dry and around the pool to prevent further rain water and debris from entering the pool. Direct water to clear drains to avoid backflow and puddling
- Keep pools from overflowing by draining to keep the water level at mid-point of skimmer or tile line.
- If mud is in suspension in the pool water use Eco-Safe Water Clarifier with filter running to remove suspended mud. A heavy floc such as Hasa Alum can also be used to drop mud to the bottom. Check the filter for increased pressure if using a clarifier clean up and while vacuuming mud from pool bottom. **SAFETY WARNING:** No one should swim in a cloudy pool where the floor of the pool can not be clearly seen from the deck



Tech Points



Take Immediate Measures to Protect Pool Equipment

Keep Water Level at Skimmer Mid-Point

Rainwater is Acidic and Introduces Contaminants to Pool Water



For locations and information visit us at HASApool.com or call us at (661) 259-5848

Checking Water Chemistry

Test all water chemistry parameters after a heavy rain. Rain water is acidic so pH and total alkalinity should be tested immediately. Rain water can pick up airborne contaminants and deposit them into the pool. This includes organic debris, pollution, pollen and algae spores. Tests for phosphates and nitrates should be done also. Where large debris has been removed and pool water is *clear the following procedures should be done:

- Adjust pH to 7.5 and Total Alkalinity to 90 ppm
- Confirm a cyanuric acid reading minimum 20 ppm, no higher than 50 ppm
- Adjust free chlorine level to between 2-4ppm. Hasa Sani-Clor creates an effective free chlorine residual with no additional byproducts such as cyanuric acid or calcium.
- Add a good preventative algaecide such as HASA-Algi-Control. Add algaecide along the pool edges with the filter running
- To help in removal of both phosphate and non-living organic waste use Eco-Safe Pool Enzyme & Phos Out Maintenance according to label directions
- Pools with high phosphate level may be treated with Phos Out Plus

Fluid Ounces of 12.5% Sani-Clor to Achieve Desired Available Chlorine Level

Desired available Chlorine Level (ppm)	Number of Gallons of Pool / Spa Water (Gallons)							
	100	500	1,000	2,500	5,000	10,000	20,000	50,000
1.0	0.1	0.5	1.0	2.5	5.0	10.0	20.0	50.0
2.0	0.2	1.0	2.0	5.0	10.0	20.0	40.0	100.0
3.0	0.3	1.5	3.0	7.5	15.0	30.0	60.0	150.0
5.0	0.5	2.5	5.0	12.5	25.0	50.0	100.0	250.0
10.0	1.0	5.0	10.0	25.0	50.0	100.0	200.0	500.0

Table of Liquid Measures:

1 Tbsp. = 3 tsp. 1 cup = 8 fl.oz. 1 qt. = 2 pt. 3.79 liters = 1 gal 128 fl.oz. = 1 gal
 2 Tbsp. = 1 fl.oz. 2 cups = 1 pt. 4 qt. = 1 gal 29.57 ml = 1 fl.oz. 32 fl.oz. = 4 cups

*The above recommendations should be effective in cases of localized flooding from heavy rains. If widespread destructive flooding has occurred refer to the HASA Technical Points on flooded pools for treatment

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