

Transportation, Storage and Use of Pool Chemicals.

All of the chemicals used to clean and maintain your pool are hazardous to one degree or another, so treat them with respect

Never mix pool chemicals together outside of the pool-water. Hydrochloric acid will react with any compound of chlorine to produce chlorine gas. This gas is poisonous and the fatal dose for humans is only 150ppm for 1 hour. Chlorine gas supports combustion, just like oxygen. A build-up of chlorine gas in your storage area has the potential to support a fire or, in confined spaces, an **explosion**. Chlorine and acid can burn human skin on contact.

Transportation of Chemicals. Place containers of liquid chemicals in rubber buckets when transporting them to avoid chemical burns to your car interior and place tubs of chlorine in plastic sacks. Ensure that chemicals cannot mix together if, for example, one container leaks during your journey home.

Storage of Chemicals. Pool chemicals should be labelled clearly and stored in the shade or dark. Keep chemicals away from each other to avoid the possibility of accidental cross-contamination. Keep liquid chemical containers in rubber buckets, 2 metres from chlorine compounds. Replace lids to containers after use and ensure that your kids and pets cannot come into accidental contact with them.

Use and Application of Chemicals. Wear old clothes, goggles and rubber gloves when dosing your pool. Measure liquids into a plastic container before pouring into the pool-water. Dissolve powdered or granulated products in water before adding to the pool.

Wash your hands immediately after handling pool chemicals.

Super-chlorinate fortnightly - with liquid chlorine via the skimmer with the pump on, run 4 hours.

Add Acid to lower pH - at the Return Jets with the pump on, run 4 hours.

Add Tricloro Tablets to raise chlorine levels- via the skimmer or your dosing tank.

Add Algaecide, only if required - via the skimmer with the pump on, run 4 hours.

POOL CHEMICALS ARE POTENTIALLY DANGEROUS - TAKE PRECAUTIONS – BE SAFE.

The following is an extract from The Daily Telegraph from 09/Aug/2004

"A mother was recovering from face and eye injuries yesterday after chemicals she was using to clean a swimming pool exploded. Louise Mills, 36, was enjoying the early evening sunshine with her children, aged nine and 10, and her mother at the family home near Battle, East Sussex, when the accident happened. She had mixed a bucket of chemicals to pour into the pool when it exploded in her face. Although she accepts she did not correctly follow the instructions, she says the labelling did not warn of the possibility of an explosion."