



## Personal Safety

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Water is an ideal medium for breeding viruses, bacteria, algae and other potentially harmful organisms, and without chemicals your pool would not be safe to bathe in nor pleasant to look at. Fortunately, very low concentrations of chemicals can deal with these micro-organisms; low enough that they pose no significant threat to you when you are bathing in chemically treated water. Prior to dosing, the chemicals are of course much stronger. Although with Fi-Clor you will be using one of the safest forms of chlorine, it still makes good sense to exercise due care when handling and storing the products. This section of the site will explain the hazard warnings that you will see on the Fi-Clor containers and how to handle and store the products to minimise the risk of mishaps.

### THE HAZARDS

The fact that hazard warning symbols appear on Fi-Clor packaging is not in itself a cause for concern, the chemicals are not dangerous if used properly. You will find hazard warnings on a wide variety of household goods including aerosols, cans of paint and proprietary domestic cleaners such as oven sprays. They are there for a purpose and we are required to put them on the label by law. They are to alert you to the fact that care is needed, to tell you what the dangers are and what to do to avoid them. Click the symbols below to identify the hazard warning symbols on Fi-Clor containers and understand the precautions you should take.



HARMFUL



CORROSIVE



DANGEROUS  
FOR THE  
ENVIRONMENT



OXIDISING



IRRITANT

### STORAGE

- > Store all chemicals in a cool, dry, well ventilated place. Avoid any areas where there could be leaks from pipelines or leaky roofs
- > The area where you store your chemicals should not be anywhere near a boiler
- > Keep all chemicals out of the reach of children and animals
- > Pool chemicals should be kept away from any products that could cause a reaction, especially petrol, oil, solvents and organic materials, paint, ammonia, fertilizer and nitrogen compounds, strong acids and alkalis
- > Avoid storing different types of chlorine next to each other.
  - In the case of products on the Fi-Clor range, this means:
    - Do not store Fi-Clor or Premium 5 Granules or Tablets next to Fi-Shock or hth
- > Do not store any chlorine next to Fi-Chem Dry Acid (or any other brand of Dry Acid)
- > If you store different types of chlorine, or chlorine and Dry Acid, in the same area, separate them by placing inert chemicals between them. Examples of inert chemicals on the Fi-Clor range are:
  - Fi-Clor Chlorine Stabiliser
  - Fi-Clor Alkalinity Increaser (Bicarbonate)
  - Fi-Clor Fi-GARD pH Neutraliser
  - Fi-Clor pH Increaser (Soda Ash)
  - Fi-Clor Hardness Increaser
- > Do not keep liquids in a position where they could leak or spill onto solid or granular products
- > Re-seal each container securely after use
- > Have safety wear to hand in the storage area. This should include protective clothing, eye protection, industrial gloves (e.g. made from neoprene) and a dust mask at minimum. Remove and wash contaminated clothing promptly

### HANDLING

- > Never mix two different types of chlorine in the dry state or in concentrated solutions. The only safe way to use two different types of chlorine is to dose them into the pool separately, and in the concentrations normally recommended for use
- > Always add chemicals to water, not water to chemicals
- > In the event of spillage, dispose of the chemical by sweeping up and dosing directly into the pool, but make sure bathers are not present in the pool. Do not repackage spilled material in the original container. If the spillage is contaminated, transfer it to waste ground, spread thinly and cover with a thin layer of earth. A smell of chlorine will be noted until the material has degraded. Keep people, vehicles, and animals away from the disposal
- > Do not use the contents of unlabelled containers, and do not transfer products from one container to another
- > If pre-dissolving chemicals prior to dosing in the pool, ensure the bucket or mixing vessel is free from contamination from other chemicals, and dissolve small quantities at a time
- > Keep the package at arms length when opening it, especially when opening for the first time. Open the container carefully
- > Use separate (clean) measuring beakers for each chemical
- > Wash your hands immediately after handling any pool chemical
- > Do not smoke when handling pool chemicals