



SAFE HANDLING AND STORAGE

CALCIUM HYPOCHLORITE PRODUCTS

DO: ✓

- Read safety information on the container label carefully **BEFORE** using any chemicals.
- Ask your supervisor for guidance if you are unsure of any procedure.
- Wear adequate personal protective equipment.
- Rotate stock - first in, first out.
- Store in a cool, dry, well ventilated area, with the containers tightly closed.
- Store products on clean shelves or pallets off the floor.
- Promptly clean up and dispose of spills, as detailed below.
- Store liquids on lower shelves below dry product.
- Seek assistance when moving heavy containers.
- Use only a clean, dry, dedicated container to measure pool chemicals.
- **ALWAYS** add chemicals to water, **NOT** water to chemical

DON'T: ✗

- Don't smoke when handling pool chemicals.
- Don't mix pool chemicals with each other or with any other chemical or compound.
- Don't return spilled material to its original container.
- Don't dispose of pool chemicals in a dustbin, waste bin or skip.
- Don't flush chlorinated products down the drain.
- Don't drop or roll containers. Handle them with care.
- Don't use floor sweeping compounds to clean a spill.
- Don't store chemicals near food or electronics.
- Don't store pool chemicals in areas exposed to the weather or sunlight.
- Don't leave pool chemicals in public areas.
- Don't store your breathing apparatus inside the chemical dosing room.

IN THE EVENT OF

FIRE

Evacuate the premises. Ensure evacuees are upwind of any smoke/fumes. Call the fire service - dial 999 from a safe location. Do not attempt to fight chemical fires.

IN THE EVENT OF CHEMICAL SPILLS

IF THE SPILLAGE IS REACTING, TREAT AS FOR FIRE. CALL THE FIRE SERVICE - 999

IF THE SPILLAGE INVOLVES MULTIPLE CONTAINERS IN EXCESS OF 40KG, TREAT AS AN EMERGENCY. CALL THE FIRE SERVICE - 999

IF IT'S A MIXED SPILLAGE, (contamination or mixing of pool chemicals may cause fire, explosion and/or release toxic fumes) TREAT AS AN EMERGENCY. CALL THE FIRE SERVICE - 999

DEAL WITH UNREACTIVE SPILLS IMMEDIATELY. Inform your supervisor and/or other staff. Put on suitable personal protective equipment. Do not mix different types of spilled material.

SMALL UNREACTIVE SPILL (less than 1kg)

Collect spill with a clean dustpan and brush. Place in a clean bucket of clean water. Keep this in a safe place until it can be put into the unoccupied pool, preferably last thing at night. Wash the area of the spill and the cleaning utensils with copious amounts of water. Check that the chlorine levels in the pool are acceptable before allowing swimming.

LARGE UNREACTIVE SPILL (greater than 1kg)

Collect spill with a clean dustpan and brush. Place in a clean, empty drum. Label the drum clearly as "CONTAMINATED CALCIUM HYPOCHLORITE". Place the lid on loosely, and move it to an isolated area in case a reaction does occur. Arrange for disposal of this at the earliest opportunity by chemical specialists. Contact Innovative Water Care for advice. Wash the area of the spill and the cleaning utensils with copious amounts of water.

While pool chemicals themselves are not combustible materials, they must not be mixed or contaminated with any foreign material such as household products or waste soap products, paint products, solvents, acids, pool chemicals, vinegar, beverages, oils, pine oil, dirty rags etc.

Contamination or mixing with these types of products may result in a fire of great intensity, explosion and / or release of toxic fumes.



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