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| **Site name:** |  | | Assessment no: | |  |
| **Product name:** | Trichlor Tablets | | **Product ref:** | | SDS Ref. 005 – v2.00 |
| **Supplier:** | Plastica | | **Description:** | | Chlorine tablets |
| **Dept /section:** | (Enter Dept/Section) | | **Location(s) used:** | | Spa Pool |
| **✓** | Hazard Classification (tick as appropriate) Irritant Corrosive Harmful  Toxic Very toxic Non-hazardous | | | | |
| bd10370_ | Method of Use Knowing your pool's volume is vital when making adjustments, as all calculations and dose rates are based on it.  Diameter of spa pool: 188 centimetres  Depth of spa pool: 60 centimetres  As mains water is supplied in Britain in cubic metres, start by measuring in metres to obtain an answer in cubic metres then convert this figure into litres. If your pool has a sloping bottom, then take the deepest measurement and the shallowest. If there are different levels, then you need to do several calculations of area for each depth and add them up at the end.  For irregular shapes, calculating the area is less accurate. You will need to draw up the pool accurately to scale on graph paper using a square on the paper to represent a meter (or foot) square of pool. When you have finished, count the squares. For partial squares, count anything over half as one and ignore any under a half. When you have the area (A) multiply by depth (D) for the Volume in cubic metres. If you have several depths, break up your area calculation for each depth.  **Directions for use:**  1. These slow dissolving tablets give continuous chlorination. They are designed for use with a chlorine feeder unit, which will only accept small chlorine tablets.  2. When feeder device is low, top up with tablets following manufacturers instructions.  3. Ensure tablets used in the feeder are of the same chemical (Trichloroisocyanuric Acid). If other materials have been used previously wash out feeder thoroughly before adding tablets.  4. Check chlorine levels regularly with a Test Kit and maintain a chlorine residual of between 2-3mg/litre (ppm).  5. Check pH value regularly with a Test Kit and maintain a level of 7.2 to 7.6. | | | | |
| j0261093 | Persons at risk Caretakers or persons involved in the cleaning of the pool. | | | | |
|  | Action in case of emergency (spillage, uncontrolled release, fire) **Personal protection:**  Observe normal standards for handling chemicals. Avoid breathing dust and released chlorine gas and eye and skin contact. Wash hands before breaks and after work.  **Spillages:** Adhere to personal protective measures. Take up mechanically: (e.g. sweep or vacuum up) into a suitable container. Label container and dispose of as prescribed. Clean up a spillage with a dry, plastic scoop. Any spillage should be returned into the original container but in a dry, clean, plastic or glass container. Wash remainder away with much water.  **Fire:** The product will burn in a fire.  **Extinguishing media:** In case of a fire, only use copious amounts of water.  **Extinguishing media not to be used:** Small volumes of water, foam, dry chemical.  **Special Exposure hazards:** The thermal decomposition products released should be considered toxic if inhaled. Do not approach fire from a leeward direction.  **Protective Equipment:** Wear self-contained breathing apparatus.  **Further Information:** Contact with combustible material may cause fire. Avoid run-off water entering the drains. (E.g. user barriers). | | | | |
| **j0175520** | General precautions & personal protection (e.g. warning signs, ventilation, personal hygiene / cleanliness, protective clothing) In normal use the product is not likely to come into contact with the eyes but could cause some irritation if it does. Product is not likely to be inhaled used in it’s current state.  **General precautions:** Never mix with any other chemicals including cleaning products, weed-killers and other chlorine products, as a dangerous reaction may occur. Always handle products in a well ventilated area, preferably outdoors. Always wash hands thoroughly after handling pool chemicals. Store in a cool dry place. Ensure chemicals do not become damp in storage. Instructions and dosages given are a guide for most effective use. Do not eat, drink or smoke when using this product.  Exposure Controls: Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls.  WEL (short term): 0.5 ppm (as chlorine)  WEL (short term): 1.5 mg/m3 (as chlorine)  **Engineering Controls:** Ensure adequate ventilation of working area (e.g. local exhaust ventilation).  **Personal Protection:** Observe normal standards for handling chemicals. Avoid breathing dust and released chlorine gas and eye and skin contact. Wash hands before breaks and after work.  Skin: Natural rubber latex gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken) Wear protective clothing and appropriate rubber gloves to avoid contact with skin.  Eyes: Safety goggles or face shield.  Ingestion: Do not induce vomiting. Rinse mouth with water (do not swallow) and if necessary seek medical advice.  Respiratory Protection: When dusty conditions are encountered, wear a NIOSH/OSHA full face respirator with chlorine cartridge and dust pre-filter. Dust mask (if ventilation is insufficient).  Other protection: protective overall. | | | | |
| sy00155_ | Ecological information Very toxic to acquatic life with long lasting effects.  **Acute toxicity:** LC50 fish 0.08 – 3.7 mg/l (96 hr)  EC50 crustaceans 0.17 – 0.8 mg/l (48 hr)  **Further information:** The product is very toxic to fish and aquatic organisms. Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once. | | | | |
|  | Emergency first aid treatment **(eyes, skin, swallowed, inhaled)**  **Eyes:** (causes redness and irritation)  Immediately wash out eye with plenty of water for at least 15 minutes. If irritation persists, seek immediate medical advice.  **Skin:** (may cause skin irritation)  Wash contaminated skin with plenty of water. Remove contaminated clothing immediately and wash before re-use. If necessary, seek medical advice.  **Ingestion:** (possible mild gastro-intestinal irritation with nausea and vomiting)  Do not induce vomiting. Rinse mouth with water (do not swallow). If necessary, seek medical advice.  **Inhalation:** (may cause breathing difficulty)  Remove casualty to fresh air and keep comfortable for breathing. If necessary, seek medical advice.  **Emergency telephone number (Plastica)**  **-** 0800 043 0892 (emergency)  - 0800 043 0891 (technical) | | | | |
| j0215332 | Handling, storage, disposal & transport information **Handling:** Precautions for safe handling:   * ensure adequate ventilation * avoid breathing dust/fume/gas/mist/vapours/spray * do not get in eyes, on skin or on clothing * do not eat, drink or smoke when using this product * eyewash bottles should be available * wash thoroughly after handling * contaminated work clothing should not be allowed out of the workplace * contaminated clothing should be laundered before reuse   **Storage:** Conditions for safe storage, including any incompatibilities:   * keep in a cool, dry, well ventilated place * protect from moisture * substance is hygroscopic * keep away from food, drink and animal feeding stuffs * keep away from acid * keep container tighly closed * keep away from heat and sources of ignition   do not store above 25˚C  **Disposal considerations:**   * The material and/or its container must be disposed of as hazardous waste * Disposal should be in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005 * Do not discharge into drains or the environment, dipose to an authorise waste collection point. * Do not reuse empty containers without commercial cleaning or reconditioning | | | | |
|  | Health surveillance/exposure monitoring Not required in this situation | | | | |
| j0213519  **✓** | Assessment Of risk Low Medium High | | | | |
|  | Notes/further action Never use chemicals that you are not trained or authorised to use. | | | | |
| Assessment by: (Name & job title) |  | **Date:** | | **Next review date:** | |

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| **Review record** | | |
| **Date** | **Reviewed by** | **Result / action taken** |
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