

COSHH Risk Assessment

051140_Bleach Tablets (x180)

Physical Properties (9):	Classification (2.2)	Environmental:	Important:
MSDS 04/03/2019 Version: 10.3  Physical state: Solid Appearance: White solid. Colour: white. Odour: chlorine-like. pH: 7	  GHS07 GHS09 H302 - Harmful if swallowed. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation. H410 - Very toxic to aquatic life with long lasting effects. EUH031 - Contact with acids liberates toxic gas.	Very toxic to aquatic life with long lasting effects. Avoid release to drains, watercourses and the environment. Collect spillage. Transport: UN 3077 environmentally hazardous substance, solid, n.o.s. (Troclosene), Class 9, PG III; marine pollutant.	Never mix with acids, descalers, toilet cleaners or any other chemicals - toxic chlorine gas may be released. Avoid breathing dust or vapour from prepared solution. Use by trained staff only. Keep away from children, service users, food and incompatible chemicals.
STORAGE (7)			
Hazards During Storage:	Incompatible Materials:	Control Measures:	Action Required:
May release toxic gas if contaminated or mixed with acids. Harmful if swallowed; eye and respiratory irritant. Thermal decomposition/fire may release chlorine and carbon monoxide. Serious environmental hazard if spilled.	Strong acids and acid cleaners/descalers; strong bases; strong reducing agents; nitrogen compounds; strong oxidisers. Keep segregated from any product that could react with chlorine tablets.	Store in original labelled container with lid closed when not in use. Keep cool, dry, secure and well ventilated. Segregate from acids/descalers and other incompatible chemicals. Protect from moisture, heat and contamination.	Maintain clear labelling: DO NOT MIX WITH ACIDS. Keep SDS/COSHH available. Train staff in safe dilution, PPE and spill response. Check containers routinely; isolate damaged, damp or contaminated stock.
Normal Use:	Good Practice Controls:	USAGE	Control Measures During Use:
Professional chlorine-based sanitising/disinfection tasks only. Follow the	Do not eat, drink or smoke. Wash hands after handling. Avoid skin and eye	MSDS does not specify dilution. Use only authorised site instructions.	PPE: nitrile chemical-resistant gloves EN374 and safety glasses EN166.

supplier/site method for tablet dose, water volume and contact time. Handle tablets dry and avoid direct contact with tablets or solution.	contact. Avoid breathing dust/mist. Use in a ventilated area. Never mix with other chemicals, especially acids.	Prepare only required quantity. Do not use damaged/damp tablets. Ensure solution is labelled where left temporarily during use.	Prevent splashes and dust. Keep away from children/service users. For spills, evacuate unnecessary persons, collect with inert material and prevent entry to drains.
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FIRST AID MEASURES (4)

Inhalation: Remove person to fresh air and keep comfortable for breathing. May cause respiratory irritation. Get medical advice/attention if unwell.	Skin contact: Wash with plenty of water. Remove contaminated clothing. Seek medical advice if symptoms persist or if significant exposure occurs.	Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.	Ingestion: Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Immediately call a Poison Centre/doctor or get medical advice/attention.
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DISPOSAL

Do not discharge tablets, solution or contaminated washings to drains, watercourses or the environment. Avoid release and collect spillage.	SDS gives no waste code. Dispose of contents, contaminated absorbent and containers in line with local/national requirements through a licensed waste contractor.	Relevant transport information for waste stock: UN 3077 environmentally hazardous substance, solid, n.o.s. (Troclosene), Class 9, Packing Group III; marine pollutant.	Keep disposal records. Keep waste sealed, labelled and segregated from acids and incompatible chemicals. Do not mix with other chemical waste.
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Risk Classification:



Overall Risk: HIGH

High due to ingestion and respiratory hazards, severe environmental hazard and toxic gas risk if mixed with acids. Use by trained staff only with PPE, segregation from acids and strict environmental controls.

Assessor: MRomano HSQE Manager

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