



COSHH Risk Assessment

Prosan Detergent Chlorine Tablets

HAZARDS IDENTIFICATION

 	<p>Appearance: White flat bevelled solid tablet</p> <p>Odour: Characteristic Chlorine Odour</p> <p>pH in solution: 5.0 - 6.0 approx.</p> <p>Low Foaming</p> <p>Clean and disinfect in one step.</p> <p>Suitable for environmental cleaning, outbreak disinfection and bodily fluid spills, excluding urine.</p> <p>The combined action of the detergent, chlorine and oxidising agent makes it effective on surface biofilms.</p>	<p>H319 – Causes serious eye irritation</p> <p>H335 – May cause respiratory irritation</p> <p>EUH031 – Contact with acids liberates toxic gas</p> <p>H410 – Very toxic to aquatic life with long lasting effects</p> <p>P261 – Avoid breathing dust/fumes</p> <p>P271 – Use only outdoors or in a well-ventilated area.</p> <p>P273 – Avoid release to the environment</p> <p>P280 – Wear protective gloves/protective clothing/eye protection/face protection</p> <p>P264 – Wash hands thoroughly after handling</p> <p>P101 – If medical advice is needed, have product container or label at hand</p>	<ul style="list-style-type: none"> • Store in a well-ventilated place. Keep container tightly closed. Keep out of reach of children. • Avoid breathing dust/fumes • Use only in a well-ventilated area. • Avoid contact with skin and eyes. • Wear protective gloves/protective clothing/eye protection/face protection • Store in its original container. • Store in a well-ventilated place. Keep container tightly closed. Keep out of reach of children. • Do not release into the environment. 	<ul style="list-style-type: none"> • Use oldest stock first. • Make regular checks to ensure that storage area is clean and tidy. • Make regular checks to ensure that containers are not split or blown. • DO NOT Mix with other products • Keep container closed when not in use. • Avoid breathing spray.
STORAGE				

PROCESS STAGE	POTENTIAL RISK	CONTROL MEASURES	ACTION REQUIRED
Receiving and storing sealed chlorine tablet containers in the chemical storage area.	Release of chlorine gas if exposed to moisture or acids. Eye and skin irritation from accidental contact. Decomposition if exposed to heat (>50°C). Environmental contamination if container leaks.	Store upright in a cool, dry, well-ventilated area with container tightly closed. Keep away from heat sources, moisture, acids, ammonia, combustible materials. Store in original container, out of reach of children. Avoid high humidity; do not store damp or contaminated tablets..	Check storage area regularly for damage, leaks, or contamination. Ensure containers are sealed when not in use. Use oldest stock first. Keep storage area clean, dry, and free from incompatible substances.
USAGE			
PROCESS STAGE	POTENTIAL RISK	CONTROL MEASURES	ACTION REQUIRED
Preparing dilutions, handling tablets, and carrying out cleaning and disinfection tasks.	Eye irritation (H319) and skin irritation from direct contact. Respiratory irritation (H335) from dust or fumes. Release of chlorine gas if mixed with acids (EUH031). Spillage onto floors or drains. Tablets effervesce and may release gas when damp.	Use only in a well-ventilated area. Avoid breathing dust/fumes. Wear PPE: nitrile/chemical-resistant gloves, protective clothing, eye protection/face shield. Do not mix with acids, ammonia, or other cleaning chemicals. Follow manufacturer's dilution guidelines.	Read instructions before use; return containers to storage immediately after use. Clean spillages immediately using absorbent material; flush area with water. Do not eat, drink, or smoke while using product. Provide staff training on safe use and safe dilution procedures. Ensure spill kit and ventilation are available.
FIRST AID MEASURES			
PROCESS STAGE	POTENTIAL RISK	CONTROL MEASURES	ACTION REQUIRED
Responding to accidental exposure, spills, inhalation, ingestion, or eye/skin contact during use.	Eye contact causing severe irritation. Skin contact causing irritation.	Ensure PPE is worn during use and handling. Clear labelling and staff training. Emergency arrangements in place (eye wash, fresh air access).	Eye Contact: Rinse eyes with potable water for at least 5 minutes, ensuring upper/lower eyelids are flushed; remove contact lenses if present; seek medical attention if irritation persists.

	<p>Inhalation of dust/chlorine fumes causing respiratory irritation.</p> <p>Ingestion causing discomfort.</p>		<p>Skin Contact: Remove contaminated clothing; wash thoroughly with water; seek medical attention if irritation persists.</p> <p>Inhalation: Move to fresh air; if breathing difficult, trained staff may administer oxygen; seek medical attention if symptoms persist.</p> <p>Ingestion: Do not induce vomiting; give plenty of water (and milk if available); seek medical attention.</p> <p>Fire: Evacuate area and raise alarm. Toxic gases may be released during fire.</p>
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DISPOSAL

PROCESS STAGE	POTENTIAL RISK	CONTROL MEASURES	ACTION REQUIRED
Rinsing empty containers and disposing of waste product, residues, and contaminated materials.	<ul style="list-style-type: none"> • Skin or eye contact during disposal. • Environmental contamination if disposed incorrectly. • Hazardous reaction if residues mix with incompatible substances. 	<p>Use PPE during disposal.</p> <p>Rinse empty containers thoroughly.</p> <p>Dispose of residual solutions to foul sewer with plenty of water (NOT rainwater drains).</p> <p>Recycle containers where facilities exist.</p>	<p>Ensure product is fully used before disposal.</p> <p>Wash out empty containers; do not reuse containers for other materials.</p> <p>Dispose in accordance with local regulations and school waste procedures.</p> <p>Prevent release to environment; never dispose of product into outdoor drains.</p>

Risk Classification:



The overall risk is considered VERY LOW under normal conditions of use, storage and transport, provided the recommended control measures (PPE, ventilation, correct storage, no mixing with acids/other chemicals, etc.) are followed.

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