

Safe Work Instruction - Handling Chlorine, Chlorinate Decant Pits

DO NOT use this plant* or complete this task unless you have been inducted in its safe use and operation by an Authorised Experienced Operator

This SWI may not cover all possible hazards and risks and should be referred to as a control measure in the risk assessment process.
Additional training may be required for high risk plant. Site and task may change required PPE.

PERSONAL PROTECTIVE EQUIPMENT



Foot protection must be worn



Hand protection must be worn



Protective body clothing must be worn



Face protection must be worn

POTENTIAL HAZARDS AND RISKS

- i Manual Task Injury**
Manual task injury from incorrect manual handling techniques
- i Slip, Trips, Falls**
Slip, trip, fall due to uneven or slippery work surfaces
- i Other**
Exposure to hazardous chemicals
Burn injury
Exposure to toxic fumes

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site specific risk assessment
- ✓ Complete the appropriate pre-operational plant checklist
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Before carrying out the following procedure the worker is to be familiar with the relevant SDS UN NO 1791 and follow all safety precautions listed on the data sheet prior to handling the chemicals
- ✓ Ensure to put on PPE (rubber boots, rubber gloves, overalls and face shield)

OPERATING PROCEDURES

- ✓ Add the Sodium Hypochlorite to a watering can containing water. Calculate the volume of Sodium Hypo needed to form the solution based on the percentage strength of the Sodium Hypo.
Note: The solution strength may need to be stronger if Algae build up is heavy/thick.
- ✓ Carefully pour solution along edges of decant channel where algae is present
- ✓ Allow 15 minutes detention time to kill algae
- ✓ Hose down decant pits and surrounding concrete area

ENDING OPERATIONS

- ✓ Thoroughly wash out watering can with clean water
- ✓ Remove PPE and wash in soapy water

DO NOT

- ✗ Do not use if plant is faulty. Attach a DO NOT OPERATE tag and report fault to your supervisor
- ✗ Do not attempt procedure without the correct PPE
- ✗ Do not wear loose jewellery
- ✗ Do not use mobile phone while operating plant

*Plant in this SWI refers to any machinery, equipment, appliance, container, implement and tool.