

Chemicals Africa Product Logistics Safety

Emergency Exercise | N17 Devon

August 2023



SAFETY IS AS
SIMPLE AS ABC

Always | Be | Careful

Chemicals Africa | SHE and Risk



Offsite Emergency Response Simulation

28 and 30 August 2023



N17 Corridor near Devon

Awareness and Collaboration

- Hosting a 1-day awareness session
- In collaboration with various stakeholders such as SASOL OMEs, RIMS under SANRAL, government partners, service providers, and local communities
- To ensure awareness, preparedness, and response in the event of an emergency involving any of Sasol products

Purpose

- To ensure compliance with the International Cyanide Management Institute (ICMI)
- Safety and Quality Assessment System (SQAS)
- To test the effectiveness of the "Offsite Emergency Response Plan"
- To create first responder awareness of Sasol products.

Testing Emergency Response

- Sasol Product Logistics Safety
- Imperial Logistics
- Road Incident Management Systems (RIMS)
- Heidelberg Fire Department
- Spill Tech
- Heidelberg and Suikerbosrand Hospitals
- Heidelberg South African Police Services
- Heidelberg Traffic Department
- Towing Services

Scenario

- On the N17 route past the off ramp R548 route, a truck tractor pulling a cyanide tanker slowed down for traffic congestion ahead.
- The cyanide tanker was rear ended by a Bitumen tanker and a third-party vehicle was involved.
- The cyanide tanker sustained valve damage resulting in a major loss of containment.

Learnings

- Positives**
- Heidelberg has good resources in terms of first responders (Fire dept, Traffic, EMS, Spill response), etc.
 - The Heidelberg Fire dept has sufficient hazmat equipment to handle dangerous goods emergencies.
 - Arriving on the scene, the Fire dept. set up a preliminary incident command and parameters.

Learnings

- The IC established zones (hot, warm and cold)
 - The IC established the decontamination corridor
- Challenges**
- The Joint Operation Center was not established
 - The IC did not determine the materials involved in the scene through the Emergency Respond Guidebook, Trec card, or dangerous goods declaration
 - All services on the scene was working in silos



Pictures of the Emergency Exercise

