



Sterling Chemical Malta Ltd


SAFETY INSTRUCTION

The appropriate actions to be taken in the event of equipment failure or malfunction

REVISION HISTORY

Revision Date	Revision Number	Sections affected	Change description
10.02.2014	00		First issue

Instruction number: MIOS_4.4.7-D	Edited by: RSGS	Approved by: Safety Manager
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EMERGENCY FIRST RESPONSE TEAM			
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A. IN CASES OF SPILLS OR RELEASE THAT INVOLVE SMALL QUANTITIES (FEW LITRES) OF HAZARDOUS SUBSTANCES

1. Wear personal protective equipment (PPE), which in many cases are as follows:
 - *Solvents with a low boiling point*: mask with filters in X, tyvek overalls, safety shoes, gloves, goggles;
 - *Solvents with high boiling point*: gas mask with filters Abek, tyvek overalls, safety shoes, gloves, goggles;
 - *Acids*: gas mask with filter for acid vapors (gray band), tyvek overalls, safety shoes, gloves, goggles;
 - *Ammonia*: gas mask with filter for ammonia vapors (green band), tyvek overalls, safety shoes, gloves, goggles;
 - *Chlorine*: gas mask with filter for chlorine vapors, tyvek overalls, safety shoes, gloves, goggles;
 - *Strong bases*: gloves, goggles or face shield, tyvek overalls, safety shoes, mask with filters Abek;
 - *Powders*: gloves, goggles, dust mask or half-mask or Full Face mask with P3 filters and headgear.

2. **IN CASES OF LARGE SPILLS**
 - Wear the following PPE: SCBA, tyvek overalls, safety shoes, gloves and goggles.
 - Lock the device breakdown, by pressing the emergency stop of the machine, without risk to themselves.
 - In case of inability to reach the emergency stop button, following department manager consultation, interrupt the electricity supply;

Any member of the department concerned, even if not part of the emergency team, must carry out the operations of first responders above without risk to themselves by wearing protective equipment and making sure to always have an escape route.