

What are the hazards and how might they harm?



Explosion or fire as a result of ignition of pesticides



Back and muscle strain from manual handling



Skin irritation, chemical burns, inhalation injuries and poisoning from contact with pesticides



Environmental contamination

What PPE should the individual wear?



When dealing with spillages and leaks, or decanting chemicals wear PPE as prescribed in the SDS for the chemical you are using. This is likely to include gloves and/or goggles

What other precautions should be taken?



Clean up any spillages immediately, following the relevant cleaning method for the spill

Spill kit is located:

Pesticide, herbicide and fertiliser storage Safety Task Card STCBG 13

Safe System of Work

1. Pesticides must be stored in their original containers – never decant pesticides into unmarked or incorrect containers.
2. Never eat, drink or smoke whilst handling chemicals.
3. Ensure you follow the first-in first- out principle to ensure stock is rotated effectively .
4. Keep chemicals labeled as Flammable in the designated section of the chemical store.
5. Keep chemicals labeled as Highly Flammable in the designated fire resisting cupboard or bin.
6. Ensure powders are stored above liquids.
7. Always take care when moving chemicals.
8. Check that containers are in good condition, with no leakage, and that labels are intact and legible.
9. When decanting chemicals or cleaning up spillage, or otherwise handling chemicals, you must wear appropriate PPE as required for the particular chemical.
10. If a leak is discovered, the contents can be transferred to an identical intact container, which is labelled with the name of the chemical, hazard symbols and precautions to be taken.
11. Where this is not possible, the damaged container must be place into a second, sound container and clearly marked.
12. Spillages must be contained and soaked up immediately using absorbent material such as sand. Used sand must be disposed of safely.
13. Empty containers should be triple rinsed and stored in a designated container for disposal.
14. Empty packages should be placed in waterproof bags and stored in a designated area for disposal.
15. Always wash hands thoroughly after handling pesticide and before eating, drinking or smoking.

If you have any concerns, stop and speak with your line manager before proceeding

List any additional hazards or risks you have identified, and control measures required to manage these.

Pesticide, herbicide and fertiliser storage Safety Task Card continued

STCBG 13

Safe System of Work

Emergency procedures:

In the event of a fire ensure you have the required information, including details of pesticides, their quantities and the SDSs for all products.

In the event of poisoning

1. Provide first aid immediately and take the person to hospital for medical attention as quickly as possible.
2. Call for an ambulance.
3. Provide the hospital with the name of the chemical and if possible, the active ingredients.
4. The relevant SDS should be taken to hospital with the patient.
5. Try to keep the patient calm and quiet.
6. If clothing and PPE is contaminated this should be removed, taking care not to spread contamination.
7. Wash contaminated skin thoroughly with soap and water.
8. If breathing ceases apply artificial respiration immediately.
9. If the patient's eye is contaminated, make them blink the eyelid under water, or flush eye (holding it open if necessary), for at least 15 minutes. Then cover eye with a soft pad, kept in position with a lightly applied bandage.
10. If the chemical has been swallowed, refer to the MSD immediately and follow the first aid procedures.

If you have any concerns, stop and speak with your line manager before proceeding