

Contingency Plan for Pesticide Spills

Business Operators storing more than 25 L/25 kg of commercial or restricted class pesticides and for application sites designated in the Activities Designation Regulations



Business name: _____ Date of plan: _____

Site address: _____

Instructions

- All relevant sections of this contingency plan must be completed. This template is designed for a broad range of pesticide business operators. Modifying this plan to reflect site-specific hazards and business practices of your facility is recommended.
- The Business Operator Certificate Holder is responsible for the contents and annual updates of the plan.
- A completed plan must be submitted with an application for approval or renewal.
- The plan must be updated annually, kept on site and made available upon request from Nova Scotia Environment (NSE) or fire and emergency personnel.
- The Certificate Holder is responsible to ensure that the contents of the plan, as updated, are communicated to staff working at the facility.

Emergency Numbers and Spill Reporting

If a spill occurs, the facility's Spill Contact Person will be notified along with the required agencies at the appropriate emergency numbers. The Spill Contact Person will have the authority to carry out response actions.

Spill contact person: _____ Phone: _____

Owner: _____ Phone: _____

Manager: _____ Phone: _____

Other: _____ Phone: _____

Nova Scotia Environment

1-800-565-1633

Immediately contact the 24/7 Environmental Emergencies Reporting Line if any of the following volumes are spilled:

- Pesticide concentrate 5 kg /5 L or more
- Pesticide mix 70 L or more
- Gasoline or diesel fuel 100 L or more

Also report any spill into the environment that may cause an adverse effect.

Police, Fire, Emergency Health Services

911

Spills threatening your health, safety or property and you need help right away.

Local non-emergency numbers:

Police: _____ Fire: _____

Canutec

613-996-6666 or
1-888-CAN-UTEC (226-8832) or *666 on cellular

Poison Control Centre 24/7

1-800-565-8161

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Spill Clean-up Kit(s)

Spill kit(s) need to have the necessary equipment for the response actions and be sized appropriately². They need to be located in areas where they can be accessed if a spill occurs.

Spill kit(s) for this facility can be found at:

- Storage area
- Mixing area
- Loading area
- Vehicles transporting pesticides and mixed pesticides
- _____
- _____
- _____
- _____
- _____

Spill clean-up kit contains:

- Absorbent material
- Neutralizing agent(s) (see pesticide label for type)
- Shovel and broom
- List of contents in spill kit
- Adequate personal protective equipment (PPE) for the potential hazards such as unlined chemical resistance gloves, boots, goggles, coveralls or chemical suits, respirator
- Drain cover (if applicable)
- Drum/container compatible for substance(s) handled/heavy duty plastic bags
- Paper towel/rags

List additional spill response and personal protection equipment on site, and their location. For example, a containment boom is needed if there is a potential of a spill entering a watercourse.

_____	_____
_____	_____
_____	_____

Response Actions for Spills

Quick response to spills by those trained to do so safely, is important. Proper clean up can prevent contamination of property and groundwater and can stop the spill from reaching watercourses, wetlands, and drinking water wells. Before responding to a spill determine potential risk to you and to others. Do not enter an area where you feel unsafe.

Stop

- Check for hazards (flammable material, noxious fumes, cause of spill).
 - If flammable liquid is spilled, turn off engines and nearby electrical equipment.
 - If serious hazards are present leave the area and call 911.
 - When in doubt, consult the applicable MSDS Sheets and pesticide label for hazards.
 - If spill is inside, ventilate the area by opening doors and windows. Keep bystanders and animals away from the spill.

² Size of spill kit: To determine the right size of a spill kit for your facility consider the largest amount of material that could be spilled from a single container. It may not always be practical to adsorb the entire contents of a spill. Spill kits need to be used in conjunction with a variety of additional equipment and response actions.

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- Wear personal protective equipment (PPE). See MSDS, pesticide label, or contact Canutec for advice.
- Stop the source of the spill (plug hole, upright the container, shut off valve) if safe to do so.
- Stop spill from entering any drain or watercourse, by using absorbent or other material as necessary. Do not use absorbent material if a dry pesticide has spilled.

Contain and Recover

- Do not apply water to a spilled pesticide, it will spread the spill further.
- If spilled material has entered a drain, remove the material.
- Clean up spilled material by shoveling absorbent material and soil into a secure drum or other container (do not flush area with water). Dry pesticide may be reusable.
- Seal and label the container. Record on the container, the product name, PCP number and approximate amount of pesticide and date of spill.
- If necessary, build berms or dykes to contain and divert hazardous material so it does not enter watercourses, wetlands, wells, ditches, storm drains and neighbouring properties.
- Place an absorbent boom around the hazardous material that has entered a watercourse.
- Hire a cleanup contractor if equipment onsite is not adequate (e.g. hazardous material vacuum truck).
- Decontaminate any hard surfaces, such as concrete floors and equipment used in the cleanup. Check the MSDS and pesticide label for the proper method. Often a mixture of household bleach, detergent and water can be used to clean. Use as little liquid as possible. Absorb the liquid and put the absorbent material into the disposal container.

Dispose

- Dispose of cleaning material/absorbent and contaminated soil as hazardous waste. Contact a hazardous waste disposal company for assistance.
- Remove protective clothing and place it in a plastic bag. If clothing is heavily contaminated, throw it out. Less contaminated clothing should be cleaned in the same manner as clothing used when applying pesticides.

Caution: After cleanup, wash your hands and face before eating, drinking, smoking or using the toilet. Take a shower as soon as possible.

List additional response actions for your facility:

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List procedures to carry out public relations including how to notify people that may be impacted:

Additional contacts:

Pesticide manufacturer(s) (see pesticide label): _____

Hazardous waste disposal company: _____

Suppliers of clean up material: _____

Contaminated soil treatment facility: _____

Other(s): _____

Contingency plan approved by Business Operator Certificate Holder:

Signature: _____ Date: (yyyy/mm/dd) _____

Name (print): _____

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Site Sketch

This drawing is a site sketch showing the property layout including buildings, site entrances, locations where pesticides are mixed, stored and handled and location of spill kits and other emergency response equipment. Include adjacent properties and their current use (e.g. residential, woodland, schools). Note the locations of wells, watercourses, wetlands, and all culverts, catch basins, and ditches that could be impacted if there was a spill.

A large, empty rectangular box with a thin black border, intended for the site sketch.

Note: Additional sheets can be attached if needed.