

CHEMICAL SAFETY FACT SHEET



AgHealth
Central States
Center for Agricultural
Safety and Health



University of Nebraska
Medical Center™

FAST FACTS

- Following label instructions lowers the risk of exposure to chemicals.
- Common chemicals on the farm include insecticides, fertilizers, herbicides, and fuel.
- Injuries can occur if these chemicals are swallowed, inhaled, or exposed to skin and eyes.
- Keep chemicals away from children.
- Use PPE while handling chemicals when necessary.
- Be knowledgeable about the chemicals you are using, follow label instructions.
- Have the number for poison control posted near chemical storage.

INJURY PREVENTION



Lock chemicals up
when not in use



Wash hands after
using chemicals



The label
is the law



Educate yourself on how
to properly use chemicals

SYMPTOMS OF CHEMICAL EXPOSURE

If any of the symptoms occur after handling chemicals, call 911 or go to the closest emergency room.

- Headache
- Fever/sweating
- Poisoning
- Difficulty breathing
- Nausea
- Burns
- Dilated or teary eyes
- Excessive salivation



Tip:

Take the label (or a picture of it) with you to the medical facility.

GET IN TOUCH

402-552-3394

go.unmc.edu/cs-cash/cs-cash-contact

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UNMC College of Public Health
984388 Nebraska Medical Center
Omaha, NE 68198-4388



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LAUNDRY TIPS

Conventional work clothing is often used when applying chemicals. This clothing needs to be handled, sorted, and washed separately so residue is not transferred to the rest of the family. If wearing non-disposable clothing when applying chemicals:

- Wash gloves with water before taking them off
- Remove clothing used for chemical application outside
- Wash clothing as soon as possible after applying chemicals using detergent and hot water
- Wash chemical exposed clothing separately from the family's laundry
- Decontaminate the washing machine before using for family laundry by running an empty cycle
- Dry clothing outside so residue is not spread to dryer

STORAGE TIPS

- Store chemicals and pesticides in their original containers in a locked facility
- Keep PPE in its sealed package until use and never store PPE with pesticides or contaminate clothing.
- Don't use empty chemical containers for storing other items and properly dispose of the empty container.

TRAINING

If applying farm chemicals, take a class on safe application methods. Check with your state Department of Agriculture for requirements and schedules.

RESOURCES

Scan QR codes with your smartphone or click the links to access additional resources.



ATSDR:
Health Effects of
Chemical Exposure



EPA:
Storing Pesticides
Safely



EPA:
PPE for Pesticide
Handlers



University of
Wisconsin Madison:
Chemical Storage

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