

fact sheet



N-pHURIC® 10/55 fertilizer

What is N-pHURIC® 10/55 Fertilizer?

N-pHURIC® 10/55 fertilizer is a clear yellow, odorless, sulfuric acid solution. It is a unique acid fertilizer product that is made by combining ureas and sulfuric acid in a carefully controlled manufacturing process.

How is N-pHURIC® 10/55 Fertilizer used?

N-pHURIC® 10/55 fertilizer is a liquid soil conditioner and fertilizer. It is used to help release nutrients to the crops, improve the pH of the soil, and as an irrigation water treatment that helps to prevent clogging.

What are the potential hazards?

N-pHURIC® 10/55 fertilizer can be corrosive to tissues, including the eyes, nose, mucous membranes, skin and respiratory and gastrointestinal tracts. The eyes are particularly sensitive and permanent damage can result from contact.

The severity of the health effects depends on how strong the solution is (concentration), how long the contact lasts (duration) and, in the case of skin burns, how extensive the area of contact is. While contact with intact skin does not normally cause immediate irritation, prolonged contact may result in redness, swelling, skin burns, and severe damage. Swallowing N-pHURIC® 10/55 fertilizer can cause burns to the mouth and throat, and damage to the gastrointestinal tract. Inhaling N-pHURIC® 10/55 fertilizer can cause irritation and burning of the nose, throat and digestive tract.

IS N-pHURIC® 10/55 Fertilizer flammable or explosive?

N-pHURIC® 10/55 fertilizer is a non-flammable liquid. It is not explosive, but it may react with certain metals to generate explosive hydrogen gas.

What are the Emergency Response procedures?

In the event of a spill or accidental discharge, the fire department will attempt to contain the spill with dry earth or sand and may evacuate the immediate area. The spill will be diluted with water and the acid will be neutralized with limestone or sodium carbonate or crushed limestone. It will then be recovered and removed.

What should you do if you are exposed to N-pHURIC® 10/55 Fertilizer?

For eye contact:

- Check for and remove contact lenses. **IMMEDIATELY** flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.

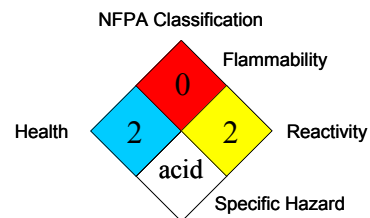
For minor skin contact:

- Immediately flush skin with water and removing contaminated clothing and shoes while protecting your own hands and body. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Use warm water if available. If irritation persists obtain medical attention.

For extensive skin contact:

- If skin surface is damaged, immediately flush skin with water while removing contaminated clothing and shoes. Use warm water if available and continue flushing for at least 15, but preferably 30 minutes. Get medical attention. Contaminated clothing should be discarded in a manner that limits further exposure.

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Where can I get more information?

For more information on this product, or other Agrium products, please call Agrium directly at (403) 225-7000.

Information can also be found at the following websites:

- **Agency for Toxic Substances and Disease Registry (ATSDR):** www.atsdr.cdc.gov
- **Occupational Health and Safety Administration (OSHA):** www.osha.gov
- **Canadian Centre for Occupational Health and Safety:** www.ccohs.ca

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For minor inhalation:

- Allow the person to rest in a well ventilated area. Watch for airway obstruction. Give oxygen if available. Seek immediate medical attention.

For severe inhalation:

- Use proper respiratory protection to evacuate affected individuals to a safe area as soon as possible. Loosen tight clothing around the person's neck and waist. If breathing is difficult administer oxygen. If the person is not breathing, perform artificial respiration and obtain immediate medical attention.

For ingestion:

- Do not induce vomiting. Careful removal of the substance from the stomach by medical personnel is required. Call a physician or poison control center and seek immediate medical attention. If tolerated and victim is conscious, give no more than 1 cup of milk or water to rinse the mouth and throat and dilute the stomach contents. No more than 8 ounces (1 cup) in adults and 4 ounces (1/2 cup) in children are recommended to minimize the risk of vomiting.

What should you do in the event of a spill?

Follow any special instructions given over the radio, T.V., or by someone in authority.

If there is a fire or an explosion, stay away from the site. Follow standard, marked emergency routes or directions from police to travel to your destination. ■