

# ANHYDROUS AMMONIA

## Farmer Safety Check

**IOWA**

College of Public Health



**GREAT PLAINS**  
Center for Agricultural Health

### PREPARATION

- ✓ Wear appropriate personal protective equipment as shown below
- ✓ Inflate tires to correct PSI
- ✓ Tighten lug nuts
- ✓ Before application, inspect all components of the nurse tank, looking for any flattening, soft spots, or bulges

### APPLICATION

- ✓ Carry 5 gallon tank of clean water in vehicle (required)
- ✓ Carry an additional 5 gallon tank of clean water in tractor or nearby vehicle
- ✓ Carry 6-8 oz. eye wash bottle filled with water on your person at all times

### IF EXPOSED:

- ✓ Contact 911 immediately
- ✓ Flush the affected area with clean water for at least 15 minutes
- ✓ **Vapors Inhaled:** Drink large amounts of water to dilute the chemical in your system

### GLOVES

Neoprene (rubber) gloves are impervious to anhydrous. Thermal lining protects hands from below zero temperatures.



✓ **Neoprene Thermal Lined Gloves**

✗ **Fabric Gloves**

### CLOTHING

Neoprene or butyl clothes provide a barrier between skin & anhydrous. At the very least, wear clothing that covers a majority of the body.



✓ **Neoprene/Butyl Long Shirt & Pants**

✗ **Short Sleeve Shirt or Shorts**

*Anhydrous will attack the eyes...*

### RESPIRATOR



✓ **Elastomeric Facepiece Respirator with Ammonia Cartridges**

✗ **Filtering Facepiece Respirator**

### GOGGLES

Safety glasses do NOT protect eyes from vapors. If wearing a full-face respirator, goggles are not needed.



✓ **Non-Vented Goggles**

✗ **Safety Glasses**