

What is Urea Liquor?

Urea liquor is a solution of urea and water. Urea is a normal human product found in urine. This product is usually transported as a hot liquid.

How is Urea Liquor used?

Urea liquor is used in the manufacturing of cosmetics, in glue, and in clinical preparations.

What are the potential hazards?

Urea liquor is not considered to be a hazardous material. However, it may irritate the eyes and skin upon contact.

Urea liquor is usually transported at high temperatures. Therefore, thermal burns are a potential concern.

Is Urea Liquor flammable or explosive?

Urea liquor is not flammable or explosive. However, urea liquor poses a danger when it is exposed to fire or mixed with hypochlorites or hypochlorates as it may decompose, releasing flammable and toxic gases.

What are the Emergency Response procedures?

In the event of a spill or accidental discharge, the fire department will attempt to contain the spilled material and prevent the discharge of additional urea liquor. If there is a fire, water will be used to extinguish it. After the spilled urea liquor has cooled off and solidified, it will be placed into suitable disposal containers.

What should you do if you are exposed to Urea Liquor?

For eye contact:

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

For skin contact:

- Wash contaminated skin with soap and water. If skin is burned or if irritation persists, obtain medical attention. Wash contaminated clothing before reusing.

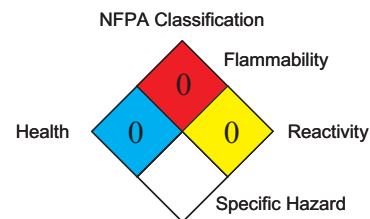
For inhalation:

- Loosen tight clothing around the neck and waist. Rest in a well-ventilated area. Obtain medical attention if irritation persists.

For ingestion:

- If conscious, drink several glasses of water or milk and induce vomiting. **NEVER** induce vomiting or give anything by mouth to an unconscious person. Obtain medical attention.

fact sheet



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.

Follow standard, marked emergency routes or directions from police to travel to your destination.

If there has been a release of toxic vapors:

In the event of a fire involving urea liquor, the product may decompose to release toxic or flammable gases. If this is the case:

- Go indoors immediately and close all doors, windows, and openings.
- Turn on your radio or television to a local news station. (*Be prepared to wait a few minutes for news.*)
- Follow any special instructions given over the radio or television, or by someone in authority.
- Shut off all air conditioning units, fans, ventilation systems and clothes dryers. In winter, turn your furnace to its lowest setting and close fireplace dampers.
- Evacuate only if advised to do so by local authorities.

You may wish to:

- Place wet towels at the base of doors or breathe through damp towels.
- Bring in pets if they are nearby and easily found.

Unless you are told to do so by authorities:

- **DO NOT** evacuate or travel.
- **DO NOT** bring home children from school, or other family members from work.
- **DO NOT** call 911 or any other authority for information. Keep your telephone line free.

When you have been advised of an **ALL CLEAR**, open your house to let it air out. ■

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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