



# UNITED

BATCH # : 

L A B O R A T O R I E S

UNITED 961 NON-AMMONIATED POLYMER SOLVENT has a wide variety of applications in industry for the removal of unwanted polymers and alums.

- NON-FLAMMABLE • NON-ACID
- CONTAINS NO PETROLEUM DISTILLATES.

In waste water treatment facilities, UNITED 961 CAN BE USED ON:

- Spills • Partially clogged or sluggish lines • Sluggish pumps • Blinded press belts, sticky rollers, stiff gaskets, and press frame • Blinded reactor chambers • Residual in centrifuges • Media for plate and frame presses • Holding and mixing tanks • Vacuum filters - coil or other media.

#### DIRECTIONS:

NEVER USE UNITED 961 UNDILUTED. (Polymers are water activated. Therefore, clean-up requires a dilution.)

FOR SPILLS FOR ALL NON-EMULSION POLYMERS:

(Bucket and Broom) 1. Saturate the spill with COLD water. Filtrate or potable water may be used. 2. Dilute UNITED 961 (10 to 1) with COLD water. 3. Apply to the affected area. 4. Agitate with a natural bristle broom that has been soaked in the diluted UNITED 961 solution. (To clean up the broom when finished, rinse the broom alternately with the dilute UNITED 961 solution and COLD water until clean and free from polymer residual.) 5. Rinse cleaned area thoroughly with COLD water.

FOR SPILLS FOR ALL NON-EMULSION POLYMERS:

(High Pressure Washer) 1. Saturate the spill with high pressure COLD water. 2. Apply UNITED 961 (30 to 1) with COLD water. Filtrate or potable water may be used. 3. Rinse with high pressure machine using COLD water. 4. Repeat if necessary.

FOR SPILLS FOR EMULSION POLYMERS:

(Bucket and Broom) 1. Dilute UNITED 961 (10 to 1) with COLD water. 2. Apply to affected area. 3. Agitate with natural bristle broom. 4. Allow agitated material to sit for 20-30 minutes. 5. Now continue as for non-emulsion polymers steps 1-5.

FOR BELT FILTER PRESS CLEANING:

\* For best and quickest results use UNITED 961 (at 30 to 1 dilution rate) with COLD water through a high pressure washer. United A207-Karcher Washer is highly recommended. If your press is over-sized the extension lance (United 207EL) will be extremely helpful.

1. Thoroughly saturate the press with water or wash the press directly after the washing cycle built into the machine. 2. Start the cleaning process with the rollers. Use 30 to 1 dilution rate of UNITED 961 allowing each roller to rotate 360°. Repeat with each roller. 3. Clean gaskets top and bottom with the wand of the pressure washer using UNITED 961 at 30 to 1. 4. Proceed to the belts starting with the bottom belt at the zipper. Allow the belt to rotate 360°. Rinse thoroughly. 5. Repeat the process with the top belt.

UNITED 961 may be injected directly into the belt press wash cycle to achieve a use rate of 1 part UNITED 961 to 200 parts water.

## NON-AMMONIATED POLYMER SOLVENT

**UNITED 961****KEEP OUT OF REACH OF CHILDREN.****CAUTION****SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS.****NOTE: IF USING EMULSION POLYMERS,  
BE SURE TO FOLLOW THE SPECIAL DIRECTION  
FOR THE USE OF UNITED 961 IN SUCH CASES.**

**PRECAUCION AL USARIO: Si usted no puede leer Ingles, pregunte a alguien que le traduzca esta etiqueta para usted antes de uso.**

UNITED LABORATORIES, INC.  
320 37th Avenue • St. Charles, IL 60174  
1-800-323-2594 • www.bearthsmart.com

#### DIRECTIONS (Cont.)

FOR PLATE AND FRAME PRESS CLEANING:

1. Soak press plates thoroughly with COLD water using a high pressure washer. 2. Apply UNITED 961 at a dilution rate of 30 to 1 to the back and front of each plate. 3. High pressure rinse with COLD water.

FOR LINE CLEANING FOR ALL NON-EMULSION POLYMERS:\*\*

1. Rinse lines to be cleaned with COLD water. 2. Empty water rinse from the lines. 3. Fill the lines with UNITED 961 at a 10 to 1 dilution rate and circulate (5 min.) or let stand (30 min.) 4. Rinse with COLD water. Occasionally a second application is needed.

FOR PUMP CLEANING FOR ALL NON-EMULSION POLYMERS:\*\*

1. Isolate pump from the system or clean it in conjunction with line cleaning. 2. Draw out as much of the polymer from the pump as you can by the action of the pump. 3. Circulate COLD water for 5 minutes. 4. Use UNITED 961 at a dilution rate of 10 to 1 and circulate for 5 minutes or let stand for 30 minutes.

\*An operator VHS training film on "Belt Filter Press Cleaning" is available from UNITED LABORATORIES. Ask your UNITED representative.

\*\*FOR EMULSION POLYMERS DO ONE MORE STEP. First introduce a (10 to 1) dilute solution of UNITED 961 into the line or pump and allow the solution to sit 20 to 30 minutes. Empty the resulting solution from the system. Then follow steps 1 - 4 for cleaning lines and pumps for NON-EMULSION POLYMERS.

For application on the wastewater process side. Please contact our technical services group for assistance.

#### CAUTION:

Contains Monoethanolamine (CAS # 141-43-5).

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or physician for treatment advice.

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation persists, call a poison control center or physician for treatment advice.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance. If irritation persists, call a poison control center or physician for treatment advice.

IF SWALLOWED: Call a poison control center or physician immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or physician. Do not give anything by mouth to an unconscious person.

An MSDS for this product has been provided. Please read it carefully and follow all instructions when using or handling this product. Never reuse empty containers. Incompatible materials may adversely react.

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