



## TECHNICAL DATA

# POLYBLASTER

## NON-AMMONIATED POLYMER SOLVENT

### Made In Canada

### GENERAL DESCRIPTION

POLYBLASTER is a polymer solvent for the removal of polymers and alums in a wide variety of industrial applications. Use with LWS for maximum results.

### AREAS OF APPLICATION

This product is used effectively in waste water treatment plants for the clean up and maintenance of polymer spills, partially clogged or sluggish lines, sluggish pumps, blinded press belts, sticky rollers, stiff gaskets, press frame, blinded reactor chambers, residual in centrifuges, holding and mixing tanks, vacuum filters - coil or other media.

### SPECIAL FEATURES

**Highly Effective** - proprietary non-ammoniated formula designed especially as a renovator with high penetrating action to quickly clean and remove polymer build-ups.

**Safe** - non-flammable, non-acid and contains no petroleum distillates.

**Economical** - concentrated product dilutes from 10-1 to 200-1 ratio.

**Cold Water Rinsing** - all rinsing is done with low cost cold/room temperature water.

**Versatile** - effective on emulsion and non-emulsion polymers.

### USE DIRECTIONS

**NEVER USE POLYBLASTER UNDILUTED.** Polymers are water activated. Therefore, clean-up requires dilution with water.

**Spills of Non-Emulsion Polymers** - Saturate the spill with cold water. Dilute POLYBLASTER 10 - 1 with cold water and apply to the affected area. Agitate with a natural bristle broom and rinse area with cold water. Repeat application until all spilled polymer has been removed. High pressure washer may be used for rinse with cold water.

**Pump Cleaning for Non-Emulsion Polymers** - Isolate pump from system or clean it in conjunction with line cleaning. Draw out as much of the polymer from the pump as you can by the action of the pump. Circulate cold water for 5 minutes. Use POLYBLASTER at a 10 - 1 dilution and circulate for 5 minutes.

**Spills of Emulsion Polymers** - Start as for non-emulsion polymers. However, let agitated material sit for 20-30 minutes prior to rinsing with cold water.

**Pump Cleaning for Emulsion Polymers** - Isolate pump from system or clean it in conjunction with line cleaning. Draw out as much of the polymer from the pump as you can by the action of the pump. Circulate cold water for 5 minutes. Use POLYBLASTER at a 10 - 1 dilution and let stand for 20-30 minutes, then circulate for 5 minutes. Flush with cold water. Repeat as necessary.

**Belt Filter Press Cleaning** - Saturate the press with cold water or wash the press directly after the washing cycle built into the machine. Using a dilution rate of 30-1 start the cleaning process with the rollers, allowing each roller to rotate 360°. Repeat with each roller. Clean gaskets top and bottom with a pressure washer using POLYBLASTER at 30-1 ratio. Proceed to the belts starting with the bottom belt at the zipper. Allow the belt to rotate 360°. Rinse thoroughly. Repeat the process with the top belt.

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

**Plate and Frame Press Cleaning** - Soak press plates thoroughly with cold water using a high pressure washer. Apply POLYBLASTER at a dilution rate of 30-1 to the back and front of the plate. Pressure rinse with cold water.

**Line Cleaning for Non-Emulsion Polymers** - Rinse lines to be cleaned with cold water. Empty water rinse from the lines. Fill POLYBLASTER at a 10-1 ratio and circulate for 5 minutes. Rinse with cold water. Occasionally a second application may be necessary.

### PHYSICAL PROPERTIES - LIQUID

POLYBLASTER is a proprietary blend of oxygenated organic solvents, modified alkalis and penetrants (biodegradable).

Type	.....Aqueous Alkaline Polymer Solvent And Detergent
Appearance	.....Yellow Liquid
Odour	.....Sweet
Flammability	.....Non-Flammable
Specific Gravity (@25°C)	.....1.075
pH (concentrate)	.....12.0 - 13.0
Solubility in Water	.....Complete
Toxicity (concentrate)	.....Low; Eye/Skin Irritant Harmful If Swallowed

**FOR USE IN  
INDUSTRIAL, INSTITUTIONAL,  
MARINE AND COMMERCIAL  
ENVIRONMENTS**

### PACKAGING

25 L Pail; Case (12X1L)

**SHORELINE DISTRIBUTION**  
**33 Willow Lane, Grimsby, Ontario, L3M 5P6**  
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