

# Application Reference

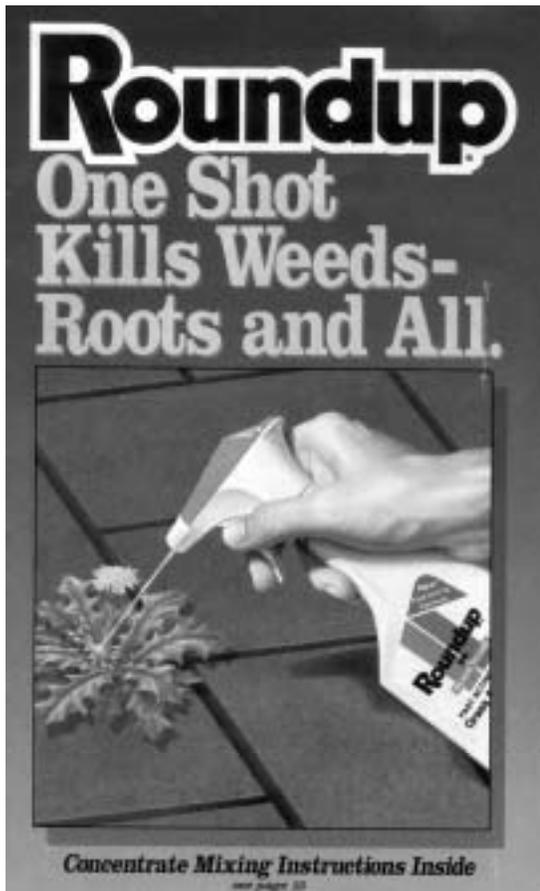
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## Liquid Chlorine Slurry



<b><u>Customer:</u></b>	Monsanto Company Luling, LA
<b><u>Representative:</u></b>	Flowmaster, Incorporated Baton Rouge, LA
<b><u>Installation Date:</u></b>	March 1993
<b><u>Valve Size:</u></b>	2" Cosmix, C <sub>v</sub> O90
<b><u>Actuation:</u></b>	EI-O-Matic PSN-150 PMV P-2000
<b><u>Process:</u></b>	Cl <sub>2</sub> Liquid / Slurry
<b><u>Temperature:</u></b>	20°C (≈70°F)
<b><u>Pressure:</u></b>	80 psig
<b><u>Valve Life:</u></b>	3½ years on average

Monsanto Company - one of the largest U.S. chemical companies and the manufacturers of "Round-Up" weed killer - has been using our line of solid ceramic ball valves since their very first installation in the Anniston, AL plant. Since then, our Phoenix valves (now discontinued) and Cosmix valves have been installed both Monsanto plants for the control of liquid chlorine slurry.

The valves have performed extremely well in this very caustic and abrasive slurry. The valve life is on average three (3) years - after which a new socket is needed, and possibly a ball. Packing is always a recommended replacement item. Since the exterior environment in which the valve is installed is relatively free of chlorine, the stainless steel housing and hardware - although not compatible with chlorine - do not corrode nor pit as they would in a high chlorine environment. Most of the actuator and positioner packages installed on the current Cosmix valves are the same ones originally provided on the Phoenix - which is a great cost saving for the customer when switching to the newer Cosmix.