

# COMMON LEAVING GROUPS

NT 22

TABLE 6-4  
Weak Bases That Are Common Leaving Groups

*special!* → *next page*

<i>Ions:</i>	$\text{:}\ddot{\text{Cl}}\text{:}$	$\text{:}\ddot{\text{Br}}\text{:}$	$\text{:}\ddot{\text{I}}\text{:}$	$\begin{array}{c} \ddot{\text{O}} \\ \parallel \\ \text{:}\ddot{\text{O}}\text{-S-R} \\ \parallel \\ \ddot{\text{O}} \end{array}$	$\begin{array}{c} \ddot{\text{O}} \\ \parallel \\ \text{:}\ddot{\text{O}}\text{-S-OR} \\ \parallel \\ \ddot{\text{O}} \end{array}$	$\begin{array}{c} \text{:}\ddot{\text{O}}\text{:}^- \\ \parallel \\ \text{:}\ddot{\text{O}}\text{-P-OR} \\ \parallel \\ \ddot{\text{O}} \end{array}$
	halides			sulfonate	sulfate	phosphate
<i>Neutral molecules:</i>	$\begin{array}{c} \text{H} \\   \\ \text{:}\ddot{\text{O}}\text{-H} \end{array}$	$\begin{array}{c} \text{H} \\   \\ \text{:}\ddot{\text{O}}\text{-R} \end{array}$	$\begin{array}{c} \text{R} \\   \\ \text{:}\ddot{\text{N}}\text{-R} \\   \\ \text{R} \end{array}$	$\begin{array}{c} \text{R} \\   \\ \text{:}\ddot{\text{P}}\text{-R} \\   \\ \text{R} \end{array}$		
	water	alcohols	amines	phosphines		