

<b>Bimolecular Reaction with Two Surface Reactants</b>	<b>SR1</b>	<b>SR2</b>	<b>Syntax Examples</b>
$\begin{array}{c} \text{T} \\ \text{B} \end{array} + \begin{array}{c} \text{T} \\ \text{B} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array}$ SR1    SR2	TOP_FRONT	TOP_FRONT	SR1' + SR2' + surface' SR1, + SR2, + surface,
$\begin{array}{c} \text{B} \\ \text{T} \end{array} + \begin{array}{c} \text{B} \\ \text{T} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array}$ SR1    SR2	TOP_BACK	TOP_BACK	SR1, + SR2, + surface' SR1' + SR2' + surface,
$\begin{array}{c} \text{T} \\ \text{B} \end{array} + \begin{array}{c} \text{B} \\ \text{T} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array}$ SR1    SR2	TOP_FRONT	TOP_BACK	SR1' + SR2, + surface' SR1, + SR2' + surface,
$\begin{array}{c} \text{B} \\ \text{T} \end{array} + \begin{array}{c} \text{T} \\ \text{B} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array}$ SR1    SR2	TOP_BACK	TOP_FRONT	SR1, + SR2' + surface' SR1' + SR2, + surface,
$\begin{array}{c} \text{T} \\ \text{B} \end{array} + \begin{array}{c} \text{T} \\ \text{B} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array} \text{ or } \begin{array}{c} \text{T} \\ \text{B} \end{array} + \begin{array}{c} \text{B} \\ \text{T} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array}$ SR1    SR2                      SR1    SR2	TOP_FRONT	EITHER	SR1' + SR2'' + surface' SR1, + SR2,, + surface,
$\begin{array}{c} \text{B} \\ \text{T} \end{array} + \begin{array}{c} \text{T} \\ \text{B} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array} \text{ or } \begin{array}{c} \text{B} \\ \text{T} \end{array} + \begin{array}{c} \text{B} \\ \text{T} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array}$ SR1    SR2                      SR1    SR2	TOP_BACK	EITHER	SR1, + SR2'' + surface' SR1' + SR2,, + surface,
$\begin{array}{c} \text{T} \\ \text{B} \end{array} + \begin{array}{c} \text{T} \\ \text{B} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array} \text{ or } \begin{array}{c} \text{B} \\ \text{T} \end{array} + \begin{array}{c} \text{T} \\ \text{B} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array}$ SR1    SR2                      SR1    SR2	EITHER	TOP_FRONT	SR1'' + SR2' + surface' SR1,, + SR2, + surface,
$\begin{array}{c} \text{T} \\ \text{B} \end{array} + \begin{array}{c} \text{B} \\ \text{T} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array} \text{ or } \begin{array}{c} \text{B} \\ \text{T} \end{array} + \begin{array}{c} \text{B} \\ \text{T} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array}$ SR1    SR2                      SR1    SR2	EITHER	TOP_BACK	SR1'' + SR2, + surface' SR1,, + SR2' + surface,
$\begin{array}{c} \text{T} \\ \text{B} \end{array} + \begin{array}{c} \text{T} \\ \text{B} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array} \text{ or } \begin{array}{c} \text{B} \\ \text{T} \end{array} + \begin{array}{c} \text{B} \\ \text{T} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array}$ SR1    SR2                      SR1    SR2	ALIGNED		SR1' + SR2' SR1, + SR2,
$\begin{array}{c} \text{T} \\ \text{B} \end{array} + \begin{array}{c} \text{B} \\ \text{T} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array} \text{ or } \begin{array}{c} \text{B} \\ \text{T} \end{array} + \begin{array}{c} \text{T} \\ \text{B} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array}$ SR1    SR2                      SR1    SR2	OPPOSED		SR1' + SR2, SR1, + SR2'
$\begin{array}{c} \text{T} \\ \text{B} \end{array} + \begin{array}{c} \text{T} \\ \text{B} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array} \text{ or } \begin{array}{c} \text{B} \\ \text{T} \end{array} + \begin{array}{c} \text{B} \\ \text{T} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array} \text{ or } \begin{array}{c} \text{T} \\ \text{B} \end{array} + \begin{array}{c} \text{B} \\ \text{T} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array} \text{ or } \begin{array}{c} \text{B} \\ \text{T} \end{array} + \begin{array}{c} \text{T} \\ \text{B} \end{array} \begin{array}{l} \text{FRONT} \\ \text{BACK} \end{array}$ SR1    SR2                      SR1    SR2                      SR1    SR2                      SR1    SR2	ANY		SR1' + SR2'' SR1, + SR2,,