

Troe expression

A semiempirical description of the rate coefficient for a specific three body reaction

[e.g. $\text{HO} + \text{NO}_2 (+ \text{M}) \longrightarrow \text{HONO}_2 (+ \text{M})$] which represents well its pressure and temperature dependence in the region of transition between second and third order kinetics.

Source:

PAC, 1990, 62, 2167 (*Glossary of atmospheric chemistry terms (Recommendations 1990)*) on page 2218