

### **van der Waals forces**

The attractive or repulsive forces between *molecular entities* (or between groups within the same molecular entity) other than those due to *bond* formation or to the electrostatic interaction of ions or of ionic groups with one another or with neutral molecules. The term includes: *dipole–dipole*, *dipole–induced dipole* and *London* (instantaneous induced dipole–induced dipole) forces.

The term is sometimes used loosely for the totality of nonspecific attractive or repulsive intermolecular forces.

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