

Nr.	English	Deutsch	Example
1	sodium chloride	Natriumchlorid (das)	Table salt mainly consists of sodium chloride.
2	salt	Salz (das)	Salt is an ionic compound.
3	sodium	Natrium (das)	There are sodium atoms which have not reacted.
4	chlorine	Chlor (das)	
5	heat energy	Wärmeenergie (die)	
6	ionic lattice	Ionengitter (das)	The ions form an ionic lattice (ionic bonds).
7	ion	Ion (das)	Sodium chloride is made of ions.
8	ionic compound	Ionenbindung (die)	Sodium chloride is an ionic compound.
9	electron transfer	Elektronenübergang (der)	Electron transfer takes place. Ions have been formed.
10	chlorine molecules	Chlormoleküle (die)	Chlorine molecules are added.
11	chloride ion	Chlorid-Ion (das)	A chloride ion is negatively charged.
12	sodium ion	Natrium-Ion (das)	A sodium ion is positively charged.
13	charge	Ladung (die)	If atoms lose or gain electrons they become ions and carry a charge. The charge of each sodium ion is +1. The charge of each chloride ion is -1. The electric charges balance.
14	lattice	Gitter (das)	Sodium and chloride ions are regularly packed in a lattice.
15	model representation	Modelldarstellung (die)	A model representation visualises some of our ideas about matter.
16	split (to)	spalten, trennen	Chlorine molecules are split.
17	ionic crystal	Ionenkristall (der)	
18	3D representation	Dreidimensionale Darstellung	
19	animated cartoon	Trickfilm	An animated cartoon on the synthesis of NaCl.
20	gaseous	gasförmig	Sodium atoms become gaseous.
21	reactants	Ausgangsstoffe (die)	
22	test tube	Reagenzglas (das)	The test tube from the reaction and the ionic crystal in 3D.
23	particle model	Teilchenmodell (das)	
24	formation of ions	Ionenbildung	

25	release of energy	Energiefreisetzung (die)	
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