

# Mixtures

<sup>1</sup> C	H	R	O	<sup>2</sup> M	A	T	O	G	R	A	P	H	Y					<sup>3</sup> C			
O				A															R		
N				G															Y		
C				N								<sup>4</sup> F							S		
E				<sup>5</sup> E	V	A	P	O	R	A	T	I	O	N					T		
N				T								L							A		
T						<sup>6</sup> S	O	L	V	E	N	T							L		
R												R							L		
A					<sup>7</sup> D	I	S	T	I	L	L	A	T	I	O	N			I		
T												T							N		
E												<sup>8</sup> D	I	S	<sup>9</sup> S	O	L	V	E		
D												O		A							
				<sup>10</sup> S	U	S	P	E	N	S	I	O	N		T						
				O											U				<sup>11</sup> S		
	<sup>12</sup> S	O	L	U	T	I	O	N			<sup>13</sup> A	M	O	R	P	H	O	U	S		
				U							<sup>14</sup> D				A			L			
				T							I				T			U			
				E			<sup>15</sup> I	N	S	O	L	U	B	L	E				B		
											U				D			L			
							<sup>16</sup> M	I	X	T	U	R	E					E			
											E										

## Across

1. Process used to separate coloured dyes.[14]
5. Process to obtain common salt from seawater.[11]
6. The water in a cup of coffee is the \_\_\_\_\_.[7]
7. Separation process used to purify water.[12]
8. More oxygen will \_\_\_\_\_ in colder water than in warmer water.[8]
10. Type of mixture containing insoluble particles mixed evenly through a liquid.[10]
12. Type of mixture where one substance dissolves in another.[8]
13. Not crystalline.[9]
15. Type of substance that does not dissolve.[9]
16. Impure substance which combines different elements and/or compounds.[7]

## Down

1. Type of solution with a lot of solute but little solvent.[12]
2. To separate sewing pins from carpet, one could use a \_\_\_\_\_.[6]
3. Type of substance with definitely shaped particles.[11]
4. Process that separates insoluble substances from a liquid.[10]
9. Type of solution with so much solute that no more will dissolve.[9]
10. Substance that dissolves.[6]
11. Type of substance that dissolves.[7]
14. Type of solution with little solute and a lot of solvent.[6]