

Y7 T2 Chem

# Solids, Liquids and Gases

W K Y A L E F T I C E C  
C O N D E N S A T I O N  
U Y U N S R V U C P M T  
P S P O E F A M G O R I  
U G R T L Q P E Z A V N  
D Y A C C X O L E I S G  
D W S K I Z U T N N Z V  
L N O I T A R O P A V E  
E W L B R L I Q U I D H  
Y P I M A V O D U L E Z  
K P D Y P A Q S P A N S  
I E U G V G T C T E O K

solid

liquid

gas

condensation

evaporation

puddle

melt

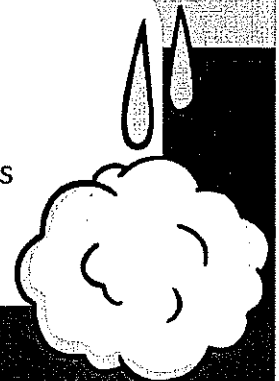
vapour

ice

water

particles

heat



# Separating Techniques

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A	E	R	N	D	F	E	T	H	G	F	M	C	H	R	I	A	P	R
G	N	Q	R	I	N	C	K	S	L	R	R	H	I	E	O	C	N	S
A	E	U	F	S	N	D	M	E	V	A	P	O	R	A	T	I	O	N
M	O	P	C	T	S	D	I	E	U	C	N	C	I	O	N	A	R	U
D	N	O	I	I	Q	I	C	N	R	T	I	E	Q	D	S	C	N	C
T	I	E	U	L	F	S	O	I	R	I	B	C	M	E	I	H	A	O
R	G	I	E	L	F	S	D	A	S	O	I	S	T	M	I	R	R	E
G	A	L	N	A	B	O	A	E	U	N	V	N	R	I	O	O	M	E
C	R	Y	S	T	A	L	L	I	S	A	T	I	O	N	I	M	N	E
D	E	U	T	I	S	V	C	H	I	L	S	T	S	C	H	A	W	E
R	U	N	D	O	L	I	E	E	R	D	N	F	I	R	I	T	N	F
A	R	I	O	N	P	N	P	N	C	I	N	A	S	R	I	O	A	B
D	R	U	F	B	A	G	J	F	B	S	F	I	O	R	O	G	Q	P
N	M	U	Y	T	B	A	N	F	R	T	D	O	L	A	L	R	R	O
P	E	N	F	I	R	P	A	B	F	I	O	E	U	B	F	A	R	J
K	L	E	P	A	N	E	J	R	P	L	O	A	B	O	F	P	N	I
A	R	O	I	N	S	O	L	U	B	L	E	N	L	T	G	H	A	N
F	I	R	O	T	P	A	N	F	R	A	I	A	E	N	F	Y	D	C
H	R	I	S	D	P	E	I	R	N	T	C	J	A	L	R	I	T	N
D	O	E	O	Q	P	D	N	A	M	I	O	P	A	L	S	R	I	O
P	S	O	L	V	E	N	T	N	A	O	R	I	A	N	A	M	F	O
R	P	Q	N	D	M	A	L	O	P	N	I	A	N	F	E	L	P	A

Find the following words in the grid:

chromatography

distillation

insoluble

crystallisation

evaporation

soluble

dissolving

fractional distillation

solvent



## Task

Which separation technique would you use to:

- separate sand and salt; \_\_\_\_\_
- separate a mixture of dyes; \_\_\_\_\_
- separate crude oil; \_\_\_\_\_
- separate an insoluble from a liquid? \_\_\_\_\_

## Secondary