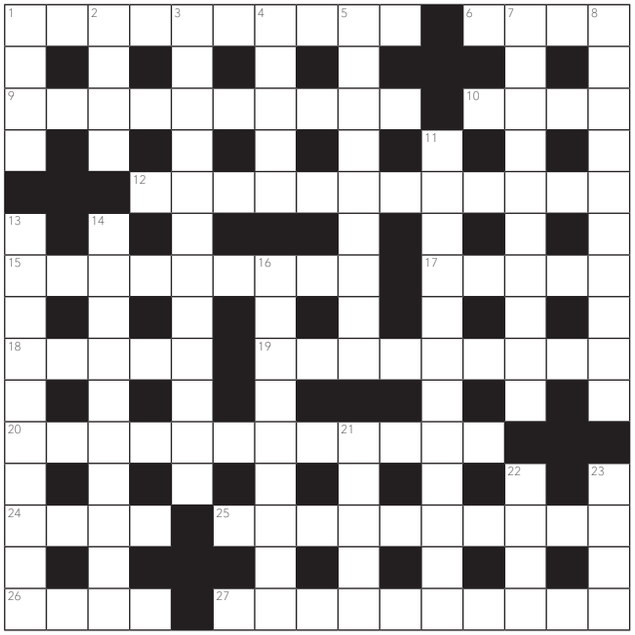
## September 2016 chemistry wordoku

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | L | | N | B | | | | A |
| | O | | L | | | S | N | | B |
| | M | B | | O | | | | | I |
| S | | | | A | | | | | L |
| | | | N | | M | | | | M |
| | | | | S | | | | T | N |
| | | | | L | | M | T | | O |
| | A | N | | | I | | O | | S |
| | | | O | T | | I | | | T |

Solve this wordoku in the same way as a sudoku with letters instead of numbers (each of the nine letters in each row, column and nine-square cell). Once solved, one of the overall diagonals can be rearranged into the name of a chemist with an interest in chiral nanomaterials.

## September 2016 crossword



**Across**

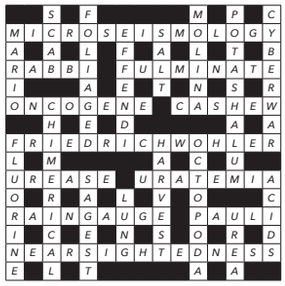
1 Cyclone had rearranged this mineral (10)
6 Collect ample lucerne fodder primarily for neat livestock (4)
9 Create opus about the world beyond (5, 5)
10 Cutting tool strangely crazed without chromium (4)
12 Waiter driven around aquatic augur (5, 7)
15 Manhunt around City of Angels finds metal (9)
17 Rein hard around river (5)
18 Without 22 down, a confused creation of mother-of-pearl (5)
19 Heartless guy on stool turns for study of the aged (9)
20 Cross about indium, a roué creates yellow cake ingredient (7, 5)
24 Initially I gave bad orders to these Nigerians (4)
25 Turn kisser onto irritating people (10)
26 For example, oddly keen about nerd (4)
27 Small stake in Ray's hen pen? (5, 5)

**Down**

1 Steer clear from Worcester and return to boast (4)
2 Workers aimed not to strike to begin with (4)
3 Surprisingly rare change in seaweed substance (12)
4 Return the Spanish pud twofold (5)
5 Muse tossed old penny coin for Pharisee (9)
7 Leaving boor aside, Borodin composed first night sonata movements (10)
8 Reeds fully rearranged for heraldic symbol (5- 2- 3)
11 Obsession sends oven for overhaul (12)
13 Computer pioneer turning over endless salad (4, 6)
14 Clambers around a French sort (10)
16 Not meaner about small measure (9)
21 None cross about this element (5)
22 First I owe the accountant a small amount (4)
23 Bygone Bisley sounds white (4)

## Solutions to August 2016 puzzles

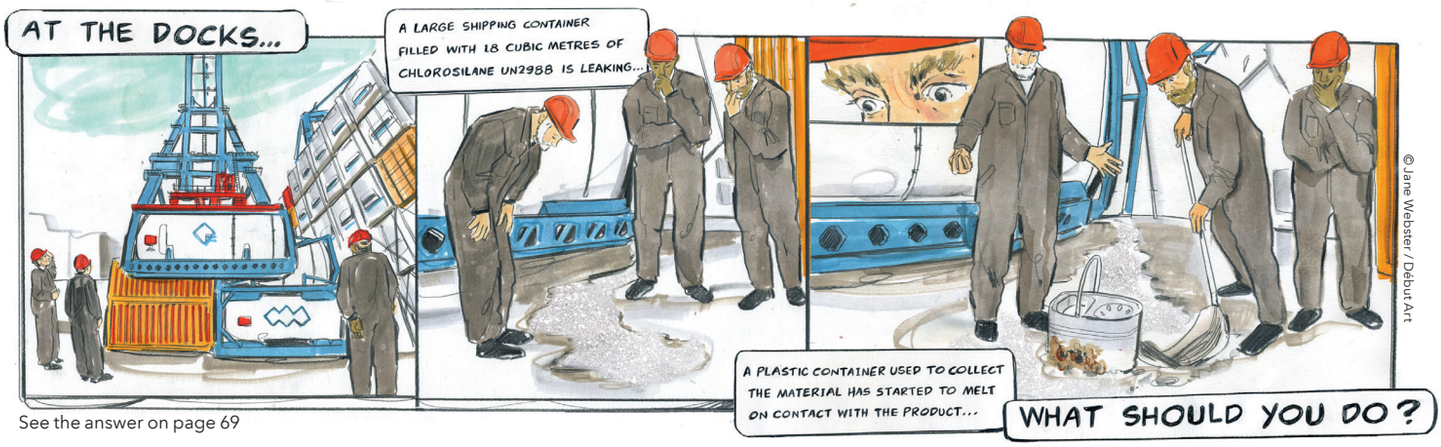
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| P | A | T | I | D | E | S | M | N |
| N | E | I | S | T | M | A | P | D |
| S | M | D | N | P | A | E | I | T |
| E | S | A | D | I | T | M | N | P |
| D | N | P | M | E | S | I | T | A |
| I | T | M | A | N | P | D | S | E |
| A | I | N | T | M | D | P | E | S |
| M | D | A | P | S | N | T | A | I |
| T | P | S | E | A | I | N | D | M |



The name of the chemist was Gerald PATTENDEN. The winner of the August 2016 *Chemistry World* wordoku competition is T Storey, Limerick, Ireland. The winner of the August 2016 *Chemistry World* crossword competition is A Hard, Macclesfield, UK. The winners of this month's crossword and wordoku will be published next month.

For a chance to win a £25 book voucher, please send your completed crossword/wordoku to '*Chemistry World* puzzle answers' at the address on p4 , fax to +44 (0) 1223 426017 or email to chemistryworld@rsc.org by 15 September.

## On the spot: chlorosilane leak

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See the answer on page 69



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