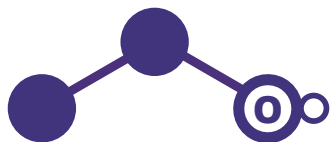


CHEMISTRY ADVENT 2015 23

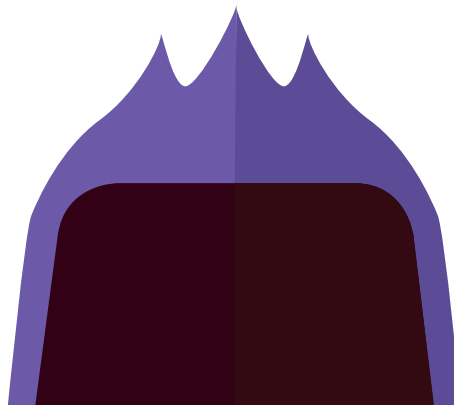
FLAMING CHRISTMAS PUDDINGS



ETHANOL

● Carbon ● Oxygen ○ Hydrogen

Hydrogens on carbon atoms implied; each carbon has 4 bonds.

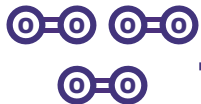


Christmas pudding is a traditional part of Christmas dinner, made from a multitude of dried fruits flavoured with various spices. It's also a tradition to pour warmed brandy over the pudding and set it alight before serving.

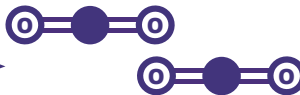
It's the alcohol (ethanol) vapour from the warmed brandy that burns. The blue flame is due to complete reaction of the ethanol vapour with oxygen in the air.



ETHANOL



OXYGEN



CARBON DIOXIDE



WATER

