

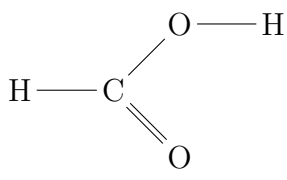
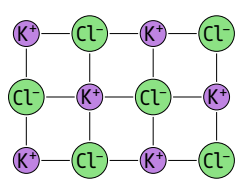
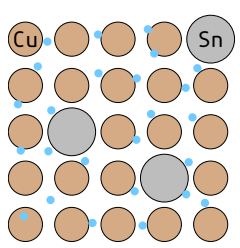
Herhalingsoefening Chemie

Elektronegativiteit, Polariteit en Oplosbaarheid

1 Polariteit

- (a) Bepaal de elektronegativiteiten van de deelnemende elementen!
- (b) Omcirkel alle **polaire** bindingen op de schema's!
- (c) Welke type binding zit in die stof?
- (d) Is **de stof** polair of apolair? (kruis aan)

	stof	schema	bindingstype	apolair	polair
(1)	Stikstofgas	$\text{N} \equiv \text{N}$			
(2)	Boortrifluoride	$ \begin{array}{c} & & \text{F} \\ & & / \\ \text{F} & - & \text{B} \\ & & \backslash \\ & & \text{F} \end{array} $			
(3)	Aceton	$ \begin{array}{c} \text{O} \\ \\ \text{C} \\ / \quad \backslash \\ \text{CH}_3 \quad \text{CH}_3 \end{array} $			
(4)	n-Pentaaan	$ \begin{array}{ccccccccc} & \text{H} & & \text{H} & & \text{H} & & \text{H} & & \text{H} \\ & & & & & & & & & \\ \text{H} & - \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - \text{H} \\ & & & & & & & & & \\ & \text{H} & & \text{H} & & \text{H} & & \text{H} & & \text{H} \end{array} $			

	stof	schema	bindingstype	apolair	polair
(5)	Mierenzuur				
(6)	Keukenzout				
(7)	Brons				

2 Oplosbaarheid

Welke stoffen boven zijn oplosbaar in ...

- (a) ... water?

- (b) ... olie?