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| **Topic** | **Red** | **Amber** | **Green** |
| **Alkanes** Nomenclature Fractional Distillation, Cracking and Reforming Combustion and Environmental Issues Methods for reduction of pollution Reaction of alkanes with halogens |  |  |  |
| **Alkenes** Nomenclature Describing the bonding in alkenes Electrophilic Addition Reactions and Mechanisms Predicting majority products Qualitative tests for alkenes Polymerisation Disposal methods, problems and improvements |  |  |  |
| **Halogenoalkanes** Nomenclature Nucleophilic Substitution Reactions and Mechanisms Rates of Hydrolysis Elimination Reactions  Uses of Halogenoalkanes Environmental problems |  |  |  |
| **Alcohols** Nomenclature Combustion Substitution Reactions Oxidation Reactions Qualitative tests for products of oxidation Dehydration Reactions |  |  |  |

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