

Chromosomes & DNA: Risk Assessment

Activity	Hazard	Precaution	Risk
DNA from Kiwi Fruit	<ul style="list-style-type: none"> Alcohol (industrial methylated spirit): Toxic 	<ul style="list-style-type: none"> Small amounts pre-dispensed in sealed tubes Warn students not to drink and to wash hands if any spilled 	Low
	<ul style="list-style-type: none"> Alcohol (industrial methylated spirit): Flammable 	<ul style="list-style-type: none"> No naked flames in lab Any spillages to be wiped up immediately by demonstrator 	Very low
	<ul style="list-style-type: none"> Detergent: Emetic 	<ul style="list-style-type: none"> Warn students not to drink 	Low
Chromosomes from garlic	<ul style="list-style-type: none"> Irritant reagents 	<ul style="list-style-type: none"> Students wear gloves 	Low
	<ul style="list-style-type: none"> Dilute hydrochloric acid: Irritant 	<ul style="list-style-type: none"> Eye protection worn 	Very Low
	<ul style="list-style-type: none"> Acetic orcein stain: Corrosive 	<ul style="list-style-type: none"> Eye protection worn Students warned to handle with care 	Very Low
	<ul style="list-style-type: none"> Acetic orcein stain: Stains skin, clothes and furniture 	<ul style="list-style-type: none"> Small volumes used Students warned to handle with care Lab coats worn at all times Any spillages to be mopped up immediately 	Very low
	<ul style="list-style-type: none"> Cuts from glassware if broken 	<ul style="list-style-type: none"> Use of plastic labware where appropriate Any breakages swept up immediately by demonstrator and placed in glass bin 	Low