

Preparation of 0.3M Sodium Hydroxide Solution	Personal injury - chemical burns, eye injury	?? Lab coat, safety glasses and gloves must be worn at all times
Preparation of 0.3M Sodium Hydroxide Solution - Heat generated by dissolution of NaOH	Personal injury - burns, flawed glassware may crack	?? Ensure glassware is free from cracks or flaws. ?? Cool the exterior of the flask in a bowl of cold water ?? Do not handle the base of the flask until it has cooled
Preparation of 3M Hydrochloric Acid from Concentrated Acid	Personal injury - chemical burns, eye injury	?? Lab coat, safety glasses and gloves must be worn at all times ?? Conc. HCl must be used in the fume cupboard with the window pulled down to the safe working height as indicated ?? Always add acid to water.
Use of 3M HCl	Personal injury - chemical burns, eye injury, burns from hotplate.	?? Lab coat, safety glasses and gloves must be worn at all times ?? Allow beakers to cool before removing from the hotplate ?? used in t16rns, eye 80

Assessment for C.O.S.H.H.

Procedure	Preparation of Inorganic ash spheres			
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Substance/Procedure	Risk of exposure * L/M/H	HSE Exposure Limits (mg/m³)	Local controls used	Disposal
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