

If the information provided with a chemical eg Material Safety Data Sheet, container label includes any of the following symbols it should be dealt with as hazardous chemical waste.

*Classification, Labelling and Packing Regulations (CLP) which come into full effect on 1st June 2015. Hazard Symbols changed and Safety (S) and Risk (R) Phrases were replaced with Hazard (H) and Precautionary (P) Statements. **Please be aware you could sometimes see a mixture of both if historical chemicals remain.***

Old Hazard Symbol &

Old Hazard Symbol & Risk Phrase		CLP Symbol & Hazard Statement		Consign as <u>HAZARDOUS WASTE</u> if:	Comments
	<p>HIGHLY FLAMMABLE / FLAMMABLE</p> <p>R10 – R19</p>		<p>H224 – H226</p> <p>H220 – H221</p> <p>H250</p> <p>EUH014, EUH018, EUH019</p>	<p>Always consign as hazardous waste unless you are sure that processes during the experiment have rendered the material non-flammable</p>	<p>Tests for flammability are given in Appendix C of the Hazardous Waste Technical Guidance WM2. YOU MUST seek guidance from your Departmental / College Safety Co-ordinator before attempting such tests</p>

**Old Hazard Symbol &
Risk Phrase**

**CLP Symbol &
Hazard Statement**

**Consign as
HAZARDOUS WASTE if:**



Old Hazard Symbol & Risk Phrase		CLP Symbol & Hazard Statement		Consign as <u>HAZARDOUS WASTE</u> if:	Comments
	CARCINOGEN CAT 3 / MUTAGEN CAT 3 R40 R68		H351 H371, H341	Consign as hazardous waste if the concentration of the substance is: Greater than 1%	
	IRRITANT (Xi) R36 – R38 irritating to eyes, skin and respiratory system		H319, H335, H315	Consign as hazardous waste if the concentration of the substance is: Greater than 20%	<i>The concentrations of these substances if there two of these substances in the hazardous waste each at a concentration of 20% the overall concentration is 40% and therefore the waste is treated as hazardous</i>
	HARMFUL (Xn) R20 – R22 harmful by inhalation, swallowing or skin contact R65 – may cause lung damage if swallowed R68 – possible risk of irreversible effects		H322, H312, H302 H304 H371, H341	Consign as hazardous waste if the concentration of the substance is: Greater than 25%	<i>The concentrations of these substances if there two of these substances in the hazardous waste each at a concentration of 25% the overall concentration is 50% and therefore the</i>

Old Hazard Symbol & Risk Phrase		CLP Symbol & Hazard Statement		Consign as <u>HAZARDOUS WASTE</u> if:	Comments
	<p>DANGER TO THE ENVIRONMENT (very toxic to aquatic organisms may cause long term effects)</p> <p>R50 – R53 may cause long term environmental effect</p>		<p>H400, H410, H411, H412, H413</p>	<p>Consign as hazardous waste if the concentration of the substance is:</p> <p>Greater than 0.25%</p>	<p>Risk Phrases R50 R53 overlap, when deciding the hazardous waste threshold for such substances it is important to consider cumulative and long term effects. Substances with such effects have lower waste threshold values than those without</p>
	<p>DANGER TO THE ENVIRONMENT (dangerous to the ozone layer)</p> <p>R59</p>		<p>H420</p>		