

Hazardous Chemical Waste Identification Checklist

A hazardous chemical waste is a substance that poses a hazard to human health or the environment when improperly managed. A chemical waste is considered hazardous if it is listed in the Federal or State hazardous waste regulations or it is ignitable, reactive, corrosive or toxic.

A waste must be managed as a hazardous chemical waste if the answer is “yes” to any of the questions below. If the answers are “no” to all the questions, the waste can be managed as non-hazardous. If the waste is a non-hazardous liquid, please check the [Sanitary Sewer Guidelines](#) to determine if the waste can be disposed of in the sanitary sewer drain.

For information on the chemical properties, refer to a safety data sheet (SDS).

If you require assistance determining if your waste is hazardous, contact Environmental Health and Safety at (949) 824-6200.

				Hazard
Is the chemical listed on the Hazardous Chemical Waste List ?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	See on list
Is the flashpoint <140° F?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Ignitable
Is it an ignitable compressed gas?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Ignitable
Is it an oxidizer?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Ignitable
Is it capable at standard temperature and pressure of causing a fire through friction, absorption of moisture or spontaneous chemical change?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Ignitable
Is it normally unstable and readily undergoes violent change?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Reactive
Does it react violently with water?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Reactive
Does it form potentially explosive mixtures with water?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Reactive
Does it form toxic gases, vapors or fumes when mixed with water?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Reactive
Is it a cyanide (over 250 ppm) or sulfide (over 500 ppm) bearing waste which, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapors or fumes?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Reactive
Is it capable of detonation or explosive decomposition if subjected to a strong initiating source or heated under confinement?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Reactive
Is readily capable of detonation or reaction at standard temperature and pressure?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Reactive
Is it a liquid with pH <2 or ≥12.5?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Corrosive
Is it a liquid that corrodes steel?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Corrosive
Is it a solid that has pH <2 or ≥12.5 when mixed with an equal weight of water?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Corrosive
Is it a solid that when mixed with an equal weight of water, produces a liquid that corrodes steel?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Corrosive
It has an acute oral LD50 less than 2,500 mg/kg?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Toxic
It has an acute dermal LD50 less than 4,300 mg/kg?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Toxic
It has an acute inhalation LC50 less than 10,000 ppm as a gas or vapor?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Toxic
It has an acute aquatic 96-hour LC50 less than 500 mg/l?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Toxic
It has been shown through experience or testing to pose a hazard to human health or environment because of its carcinogenicity, acute toxicity, chronic toxicity, bioaccumulative properties or persistence in the environment.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Toxic
Is it stored in a container that is unlabeled or in poor condition?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Toxic
Is it an engineered nanomaterial such as a nanotube, nanorod, nanowire or quantum dot?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Toxic
Is it a lubricating oil?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure	Toxic
Did you answer “unsure” to any of the questions?	<input type="checkbox"/> Yes	<input type="checkbox"/> No		