

HP Codes for Special Waste

When arranging collection of special waste with an external contractor, we must provide “HP codes” to indicate the hazards the waste poses and determine how the material should be transported.

To determine the HP code(s) for a given waste item:

1. Obtain a safety data sheet (SDS) for the chemical you wish to dispose of (available on-line). If the waste is a mixture of components, you may need to consult multiple safety data sheets.
2. Scroll to Section 16 of the SDS. Here you will find a full list of H- and EUH-statements for the given chemical (e.g. H350, H226, EUH029)
3. Use the table below to convert the hazard statement into SEPA HP codes (e.g. H350 → HP7)
4. When completing the special waste submission form, enter the HP codes when prompted

Example

1. You wish to dispose of an old bottle of palladium on charcoal
2. Find the SDS online
3. Section 16 provides a list of the H / EUH Statements

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

H228	Flammable solid.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

4. Convert the H-statements in SEPA HP codes (this also applies to EUH statements)
 - H228 → HP 3
 - H315 → HP 4
 - H319 → HP 4
 - H335 → HP 5
5. Enter “HP3, HP4, HP5” when submitting your special waste form (no need to duplicate codes)

Code	Description	Hazard Codes from SDS
HP 1 – Explosive	Waste that is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included.	H200, H201, H202, H203, H204, H240, H241
HP 2 – Oxidising	Waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials.	H270, H271, H272
HP 3 – Flammable	<p>Flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and ≤ 75°C;</p> <p>Flammable solid waste: solid waste that is readily combustible or may cause or contribute to fire through friction.</p>	H220, H221, H222, H223, H224, H225, H226, H228, H242, H250, H251, H252, H260, H261
HP 4 – Irritant	Waste that on application can cause skin irritation or damage to the eye.	H314, H318, H315, H319
HP 5 – Specific Target Organ Toxicity / Aspiration Toxicity	Waste that can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.	H370, H371, H335, H372, H373, H304
HP 6 – Acute Toxicity	Waste that can cause acute toxic effects following oral or dermal administration, or inhalation exposure.	H300, H301, H302, H310, H311, H312, H330, H331, H332
HP 7 – Carcinogenic	Waste that induces cancer or increases its incidence.	H350, H351

HP 8 – Corrosive	Waste that on application can cause skin corrosion.	H314
HP 9 – Infectious	Waste containing viable micro-organisms or their toxins which are known or reliably believed to cause disease in man or other living organisms.	Not Applicable
HP 10 – Toxic for Reproduction	Waste that has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring.	H360, H361
HP 11 – Mutagenic	Waste that may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell.	H340, H341
HP 12 – Release of an Acute Toxic Gas	Waste that releases acute toxic gases in contact with water or an acid.	EUH029, EUH031, EUH032
HP 13 – Sensitising	Waste that contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.	H317, H334
HP 14 – Ecotoxic	Waste that presents or may present immediate or delayed risks for one or more sectors of the environment.	H400, H410, H411, H412, H413, H420
HP 15 – Waste capable of exhibiting a hazardous property listed above not directly displayed by the original waste	Waste capable of exhibiting a hazardous property listed above not directly displayed by the original waste.	H205, EUH001, EUH019, EUH044