

# Common Dangerous Goods

| Class # | Class                                             | Examples                                                               | Commonly found in products such as...                                                                             | Commonly used in industries such as...                                                   |
|---------|---------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 1       | Explosives                                        |                                                                        | Detonators, blasting materials, ammunition, retail fireworks, Christmas crackers, and party poppers.              | Mining and quarrying operations, the oil and gas industry, and within civil construction |
| 2.1     | Flammable (Gas)                                   | LPG, acetylene, and propane.                                           | Gas cylinders, aerosols; some fly sprays and spray paints.                                                        | Engineering, workshops, and civil construction                                           |
| 2.2     | Non-Flammable Non-Toxic Gas                       | Compressed air, nitrogen, argon, and and helium                        | Gas cylinders.                                                                                                    | Engineering workshops, construction, and automotive repairs                              |
| 3.1A    | Flammable (Liquid)                                | Petrol                                                                 | Petrol                                                                                                            | Workshops, mechanics, and manufacturing plants.                                          |
| 3.1B    |                                                   | Acetone, and ethanol,                                                  | Nail polish remover, and hand sanitiser.                                                                          |                                                                                          |
| 3.1C    |                                                   | P-xylene                                                               | Products made with PET; bottles, containers, and fabrics.                                                         |                                                                                          |
| 3.1D    |                                                   | Diesel.                                                                | Diesel.                                                                                                           |                                                                                          |
| 4.1     | Flammable (Solid – Readily combustible)           | Titanium hydride.                                                      | Ceramics, pyrotechnics, and sports equipment                                                                      |                                                                                          |
| 4.2     | Flammable (Substance - spontaneously combustible) | White phosphorous, magnesium powder, and aluminium powder.             | Fertilisers, cleaning compounds, and ammunition.                                                                  |                                                                                          |
| 4.3     | Flammable (Solid - dangerous when wet)            | Magnesium powder, calcium carbide, solid sodium, lithium, and hydride. | Glass, detergents, and cleansers.                                                                                 | Manufacturing plants, steel and metal cutting.                                           |
| 5.1     | Oxidising Agents                                  | Oxygen, hydrogen peroxide, sulfuric acid, and potassium nitrate.       | Oxygen for medical purposes, bleaches, water purifiers and fertilisers.                                           | Healthcare, manufacturing plants, and water treatment plants.                            |
| 5.2     | Organic Peroxides                                 | Epoxy resins, MEKP, and benzoyl peroxide.                              | Glass reinforced plastics, fibreglass, resin, polyester, and silicone products.                                   | Construction, automotive workshops, and transportation.                                  |
| 6       | Toxic Substances                                  | Cyanides, phenols, cresols, pesticides, and lead compounds.            | Household cleaners, pesticides, biological samples and clinical wastes, timber treatment chemicals, and solvents. | Agriculture, and laboratories.                                                           |
| 8       | Corrosive Substances                              | Sulphuric acid, sodium hydroxide, and batteries.                       | Cleaners and sanitisers.                                                                                          | Food processing, manufacturing, healthcare, hospitality, and agriculture.                |
| 9       | Ecotoxics                                         | Pesticides, paints, and cleaners.                                      | Agrichemical chemicals.                                                                                           | Rural industries, landscaping, and commercial growing.                                   |