

Common DG items in Humanitarian Action

Item	Common Issues	Example Item	Pos UN
Batteries	<ul style="list-style-type: none"> Depending on battery type, may be banned or have limited capability to transport on commercial aircraft. Some battery types are refillable, and may leak harming handlers or reacting to nearby objects or substances. Damaged or swollen batteries are forbidden in air transport. 	Lithium ion	UN34
			UN34
		Sealed lead acid	UN30
			UN28
		Refillable lead acid	UN30
Biological Hazards	<ul style="list-style-type: none"> Heavily restricted on some forms of transport. May require specialised documentation. Requires specialised storage. 		UN27
			UN31
		Lithium metal	UN30
			UN30
Water Purification	<ul style="list-style-type: none"> Some products that contain NaDCC as an active ingredient may count as DG if they contain a sufficiently large percentage, or are shipped in a sufficient size or sufficient quantities (Example: Aquatabs above 1.67 grams per tablet). Always check SDS from the manufacturer before shipping. Keep away from products bearing the 4.3 hazard label. 	Blood/medical samples	UN32
		Live infectious substances	UN28
			UN29
		Medical waste	UN32
Cleaning Agents	<ul style="list-style-type: none"> If packaging is compromised, may irritate or harm persons handling them. May react to objects and substances stored nearby, causing slow damage or violent energetic reactions. Shade and good ventilation is necessary. When a large quantity must be stored or stowed, if possible, separate in smaller storing quantities. Keep away from products bearing the class 3, division 4.2 hazard labels and in general from any flammable products. 	HTH Calcium Hypochlorite	UN17
			UN22
			UN28
		NaDCC	UN24
Compressed Gas	<ul style="list-style-type: none"> Compressed gas cylinders are considered DG even when completely depressurised or empty when transported by air. Compressed gas cylinders may rupture, when stored for long periods of time, or in an unsafe manner. 	Alcohol bases hand sanitiser	UN19
		Chlorine based cleaning solutions	UN10
			UN19
		Oxygen	UN10
			UN17
		Fire extinguisher	UN10
		Propane	UN19
			UN19

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Liquid Fuel	<ul style="list-style-type: none"> Highly combustible depending on the type. Fuel is often inappropriately stored in a high temperature or unventilated rooms, or centrally located in a warehouse. Shade and good ventilation is necessary. Keep away from substances bearing the division 5.1 hazard label. 	Diesel/Gas oil	UN12
		Gasoline/Petrol	UN12
		Kerosene	UN12
		Aviation Fuel/A-1 jet fuel	UN18
Mechanical Equipment and Fluids	<ul style="list-style-type: none"> Vehicles and generators can be considered DG for air shipping because they contain fuel or other potentially hazardous fluids, all of which usually must be below a minimum level or completely drained before transporting in an air craft or sea shipping container. 	Automobiles/Vehicles	UN31 UN31 UN12 UN28
		Engines	UN35 UN35 UN35 UN31
		Generators	UN31
		Oxygen Generator	UN33
		Freezers	UN28 UN31
		Antifreeze	UN30
		Coolants	UN12
Chemical Fertilizers	<ul style="list-style-type: none"> May be highly explosive depending on chemical composition. Storage in high temperature, lowly ventilated areas, or near other reactive substances might cause serious harm. 	Multiple	
Building Related Materials	<ul style="list-style-type: none"> Require proper declaration and documentation for most forms of transport, and is often highly regulated by air transport 	Pesticides	Many
		Sealants	Many
		Paints	UN19 UN12