

CLASS	Pictogram	Definitions	Threshold Quantity
Biohazard		Biosafety level 2 material including microorganisms, viruses, human & non human blood and body fluids	any
Compressed gas oxidizer		A compressed gas cylinder of any material that is a gas at SATP* and is an oxidizer	any compressed gas cylinder
Compressed gas flammable		A compressed gas cylinder of any material that is a gas at SATP* and ignites when in a mixture of 13% v/v or less with air.	any compressed gas cylinder
Compressed gas non-flammable		Any non-flammable, inert, material compressed to 200kPa or greater at standard temperature or greater than 30 liters of cryogenic liquid	any compressed gas cylinder or greater than 30 liters of cryogenic liquid
Compressed gas poison		A compressed gas cylinder of any material that is a gas at SATP* and is known to be toxic to humans or has an $LC_{50} \leq 5L/m^3$	any compressed gas cylinder
Corrosive (acid / base)		Any material that causes destruction of human skin at the site of contact over time or causes severe corrosion on steel or aluminum.	4 liters
Flammable Liquid		Any liquid with a flashpoint $\leq 100^{\circ}F$	20 liters
Flammable Solid		Any desensitized explosives, self-reactive materials, or solids that may cause a fire through friction.	1 kilogram
High Voltage		Equipment with exposed electrical components which may be energized to 600 volts or more	600 volts or more exposed
Laser		Laser Emitting Equipment with open, accessible beam (exposure hazard present)	Class 2, 3 or 4
Oxidizer		Any material that may enhance the combustion of other materials, generally by yielding oxygen.	500 grams or 500 milliliters
Poisonous		Any material known to be toxic to humans and has oral $LD_{50} \leq 300mg/kg$, dermal $LD_{50} \leq 1kg/kg$, Inhalation $LC_{50} \leq 4mg/L$, or is an irritating material	500 grams or 500 milliliters
Radioactive		Radioactive material or machine generated source of radiation (e.g., liquid radioactive compounds, sealed radioactive sources, x-ray diffraction units, electron microscopes).	any
Water Reactive		Any materials that react violently or vigorously or give off harmful gases in contact with water.	any

Personal Protective Equipment	PPE
Gloves	
Lab Coat	
Eye Protection	
Face Shield	
Laser Eye Protection	
Shoe Cover/Boots	
Hearing Protection	

* SATP Standard Atmospheric Temperature & Pressure

Particularly Hazardous Substance Warning

DANGER: DESIGNATED AREA
For select carcinogens, reproductive toxins
and high acute toxicity chemicals
AUTHORIZED PERSONNEL ONLY