

## Hitachi Group's voluntarily controlled chemical substances in our products

Classification	Application	Substance (Group) Names
<p><b>Level 1: Prohibited Substances</b></p>	<p>Chemical substances that the Hitachi Group prohibits from being included in procured products (substances banned or restricted by domestic or foreign regulations for use in products, including packing materials, that may be used in products procured for the Hitachi Group)</p>	<ul style="list-style-type: none"> <li>• Cadmium and its compounds</li> <li>• Hexavalent chromium compounds</li> <li>• Lead and its compounds</li> <li>• Mercury and its compounds</li> <li>• Polybrominated biphenyls (PBBs)</li> <li>• Polybrominated diphenyl ethers (PBDEs)</li> <li>• Tri-substituted organostannic compounds</li> <li>• Polychlorinated biphenyls (PCBs)</li> <li>• Polychlorinated terphenyls (PCTs)</li> <li>• Polychlorinated naphthalenes (with 2 or more chlorines)</li> <li>• Short-chain chlorinated paraffins (C10-C13)</li> <li>• Asbestos</li> <li>• Ozone layer depleting substances (Class I )</li> <li>• Perfluorooctanoic acid (PFOA) and its salts and related compounds</li> <li>• Perfluorooctanesulfonic acid and its analogous compounds</li> <li>• 2- (2H-1, 2, 3-benzotriazole-2-yl)-4, 6-di-tertbutylphenol</li> <li>• Hexachlorobenzene</li> <li>• Dimethylfumarate (DMF)</li> <li>• Hexabromocyclododecane</li> <li>• Bis (2-ethylhexyl) phthalate (DEHP)</li> <li>• Butyl benzyl phthalate (BBP)</li> <li>• Dibutyl phthalate (DBP)</li> <li>• Diisobutyl phthalate (DIBP)</li> </ul>
<p><b>Level 2: Controlled Substances</b></p>	<p>Substances for which monitoring and control are required by domestic or foreign regulations, or for which special consideration for recycling or appropriate disposal is required, including substance groups whose use in supplied products may be restricted for certain uses</p>	<ul style="list-style-type: none"> <li>• Antimony and its compounds</li> <li>• Arsenic and its compounds</li> <li>• Beryllium and its compounds</li> <li>• Nickel and its compounds</li> <li>• Selenium and its compounds</li> <li>• Unspecific brominated flame retardants</li> <li>• Polyvinyl chloride (PVC) and its mixture and its copolymer</li> <li>• Phthalate esters other than those given above</li> <li>• Ozone layer depleting substances (Class II: HCFC)</li> <li>• Radioactive substances</li> <li>• Di-substituted organostannic compounds</li> <li>• Cobalt and its compounds</li> <li>• Azodyes and azocolourants which form specified amines</li> <li>• Formaldehyde</li> <li>• Benzene</li> <li>• Fluorine-based greenhouse gases</li> <li>• Phenol, 2,4,6-tris(1,1-dimethylethyl)</li> <li>• Isopropylphenyl phosphate</li> <li>• Pentachlorothiophenol</li> <li>• Hexachlorobutadiene</li> <li>• Polycyclic aromatic hydrocarbons (PAHs) restricted by REACH</li> <li>• REACH restriction substances</li> <li>• REACH authorization substances</li> <li>• REACH SVHC</li> <li>• JAMP declarable substances (including chemSHERPA)</li> </ul>