

HS621	
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The following

are listed in the [List of Common Unstable Chemicals](#)

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Substance	Main Hazard
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Acetylene and Acetylides

	Silver azide is touch sensitive.
Azo and Diazo compounds	Dangerously unstable
Chlorates and Perchlorates	Dangerously unstable
Chlorides of Aluminium, Silicon and Titanium	Readily hydrolysed. Any water vapour that comes into contact with them can form hydrogen chloride gas. Resealed bottles or ampules may develop high pressures. Face shields must be worn.
Ethers, Dioxane, Tetrahydrofuran	Prone to aerial oxidation to peroxides. They must not be kept for long periods in part used bottles. Check their expiry date.
Nitro-compounds, Picric acid, Trinitrobenzene	Potentially explosive. Need to be kept wetted.
Nitrogen Halides (eg. chlorine, bromine, iodine)	Reaction between Ammonia and halides produces highly explosive compounds (e.g. touch sensitive nitrogen tri-iodide)
Organic Salts of Per-Acids	Reaction between an organic base (e.g. pyridine) and an inorganic oxidizing agent (e.g. ceric ammonium nitrate)