Priority precursor list

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| **Priority Compounds** |
| Compound | Common Uses | Comments |
| Acetone | * Nail Polish removers
* Paint remover for acrylic paint from spray paint (graffiti artists, car sprays)
* Wood Rot hardeners
* Topical medicinal applications
* Superglue/Tar remover
* Paint Industry
* Spray Paint Remover
* Cleaning Solution
 | Reportable precursor.Subject of previous substitution studies.Produced as a biproduct of the production of phenol so it is cheap and readily available. |
| Hexamine | * Camping Firelighters
 | Reportable precursor.Not widely available. Found only in some camping stores.  |
| MEK (Butanone) | * May be used in Nail Polish removers but rarely now
* Paint stripper and Degreaser for professional users
* Solvent applications; Hobbyists and legitimate trade
 | Similar in use to Acetone due to similar chemical properties. Higher boiling point so less volatile.  |
| Hydrochloric acid | * Toilet cleaners
* Masonry and concrete cleaner
* Unblocking sinks and drains
 | Reportable poison above 10% w/w concentration.Different products need different applications- e.g. urinals, restaurants, salons. Toilet cleaners- limescale remover. Up to 9.95 w/w -> Concentration is declared on the product label. |
| Nitric acid | * Hydroponics pH reducer at 38% w/w.
* Extraction of gold and other metals from electronic waste.
* Metal working/ Pickling metal - cleaning copper
* Etching
* Bluing of firearms
* Gold tester at 70% w/w
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| Phosphoric acid | * Hydroponics
* Food industry
* Cleaning coins
* Cleaning car bumpers
* Brick cleaner
* Toilet cleaner
* Fertilisers
* Weed killers
* De-scalers
* Water Treatment
 | Provides phosphorus and pH control in hydroponics.  |
| Hydrogen Peroxide | * Hair bleaches
* Sanitiser/disinfectant
* Laundry Bleach
* Contact Lens cleaner
* Teeth whitening
* Stain Remover
* Pharmaceutical applications
* Aquatic cleaning uses
* Wood Bleach
* Metal Etching
* Hydroponics
* Skin whitener
* First aid treatment
* Carpet cleaners
* Cat urine remover
 | Regulated precursor at 12% w/w concentration.EU- restricted to low concentrations in cosmetics but in the US: allowed at 8% in teeth whitener. Very effective oxidiser Weak acid comparatively- less harsh, milder bleach, milder disinfectant  |
| Sulphuric Acid | * ~30% w/w concentration in Motor Batteries
* Drain Cleaner
* Brick and Concrete Cleaner
* pH adjuster in certain foods at low concentration.
* Brick cleaner
* Swimming pool use
 | Regulated at 15% w/w concentration. |
| Sulphur | * By-product in oil refinery industry
* Horse treatment
* Agri-chemical industry
* Dog drinking water treatment
* Soil nutrient
 | Very cheap as by-product in oil refinery industry |
| Potassium Permanganate | * Treatment for skin conditions
* Wound disinfectant
* Indicator
* Water purification tablets
* Cyclists -camelbaks cleaner
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| Sodium Hypochlorite | * Household Bleach
* Waste Treatment
* Solid bleach tablets
* Milton cleaning products- Milton bleach
* Water treatment disinfection
* Swimming pool
 | Sold commercially at 15% w/w maximum (for swimming pool use) |
| Calcium hypochlorite | * Bleaching agent
 | Powder as opposed to liquid |
| Potassium Chlorate | * Matchsticks/Lighting
* Oxygenating tablets
* Fireworks
* Flash powders
 | Regulated precursor above 40% w/w concentration.Matchsticks- 52% w/w  |
| Magnesium Phosphide | * Pest control
* Ships -to kill vermin
* Fumigators
 | Regulated poison.Should only be supplied to qualified professionals -regulated substance  |