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 |  |
| 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 |  |
| 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 |