

## Disposal of Solid Chemicals in the Normal Trash

Many solid chemicals can be safely discarded into the normal trash, provided they are in containers that are not broken or cracked and have tightly fitting caps. These chemicals are considered acceptable for ordinary disposal because they display none of the properties of hazardous waste, are of low acute toxicity, and have not been identified as having any chronic toxic effects as summarized in the National Institute of Occupational Safety and Health (NIOSH) "*Registry of Toxic Effects of Chemical Substances*".

Examples of chemicals acceptable for disposal as regular trash are listed below. To dispose of these chemicals, place the containers in a box lined with a plastic bag, tape the top of the box shut, write "Normal Trash" on the box and then place the box next to the lab trash container. Only solid forms of these chemicals can be disposed in this manner. Any questions about these chemicals or other chemicals that may be disposed of in the normal trash should be directed to the Hazardous Materials Technician (610) 330-5225.

### Chemicals Generally Acceptable for Disposal as Regular Trash

Acacia powder, gum arabic	Detergent (most)	Methyl salicylate	Sodium carbonate
Acid, Ascorbic	Cation exchange resins	Methylene blue	Sodium chloride
Acid, Benzoic	Chromatographic absorbents	Methyl stearate	Sodium citrate
Acid, Boric	Crystal violet	Nutrient agar	Sodium dodecyl sulfate (SDS)
Acid, Casamind	Dextrin	Octacosane	Sodium formate
Acid, Citric	Dextrose	Parafin	Sodium iodide
Acid, Lactic	Diatomaceous earth	Pepsin	Sodium lactate
Acid, Oleic	Docosanoic acid	Peptone	Sodium phosphate
Acid, Phthalic	Docosanoic acid	Petroleum jelly	Sodium
Acid, Salicylic	Drierite (calcium sulfate, anhydrous)	Polyethylene, solid	phosphosphate
Acid, Silicic	Ferric oxide	Polystryrene	Sodium salicylate
Acid, Stearic	Ferric phosphate	Potassium acetate	Sodium stearate
Acid, Succinic	Ferric pyrophosphate	Potassium bicarbonate	Sodium succinate
Acid, Tartaric	Ferric sulfate	Potassium bromide	Sodium sulfate
Acrylamide gels	Ferrous ammonium sulfate	Potassium carbonate	Sodium sulfite
Agar(s) and agarose gels	Galactose	Potassium chloride	Sodium sulfite
Albumen	Geletin	Potassium citrate	Sodium tartrate
Alumina	Gum arabic	Potassium ferricyanide	Sodium thioglycollate
Aluminum oxide	Gum guaiac	Potassium iodide	Sodium thiosulfate
Amino acids, naturally occurring	Hexadecanol, 1-	Potassium phosphate	Sodium tungstate
Ammonium bicarbonate	Kaolin	Potassium sodium tartrate	Starch
Ammonium phosphate	Lactose	Potassium sulfate	Stearic acid
Ammonium sulfate	Lanolin	Potassium sulfite	Stearyl alcohol
Ammonium sulfamate	Lauric acid	Potassium sulfocyanate	Stearylamine, solid
Base, blood agar	Lauryl sulfate	Pumice	Sucrose
Beef extract	Lithium carbonate	Salts, naturally occurring	Sugars
Behenic acid	Lithium chloride	Sand	Sulfur
Bentonite	Lithium sulfate	Silica	Sulfur
Brain heart infusion	Litmus	Silica gel, unused	Talcum powder
Bromphenol blue	Magnesium carbonate	Silica sand, unused	Tetrahydrofurfuryl palmitate
Broth, nutrient	Magnesium carbonate	Silicic acid	Thymol
Calcium carbonate	Magnesium chloride	Silicon carbide	Tin metal
Calcium chloride	Magnesium oxide	Sodium acetate	Tristearin
Calcium lactate	Magnesium sulfate	Sodium ammonium phosphate	Trypticase
Calcium oxalate	Maltose	Sodium benzoate	Trytone
Calcium phosphate	Manganese acetate	Sodium bicarbonate	Urea
Calcium silicate	Manganese chloride	Sodium borate	Wax, bee's
Calcium sulfate	Manganese sulfate	Sodium bromide	