

Chemical Inventory

Chemical Name	Chemical Formula	CAS Number	Inv. Amount	Hazard Warning	Usefulness	Storage	MSDS On File
Acetic acid (glacial)	CH ₃ CO ₂ H	64-19-7		Extremely hazardous	Very Commonly Used	Organic #1	X
Acetone	CH ₃ COCH ₃	67-64-1		Somewhat hazardous	Commonly Used	Organic 4	X
Agarose		9012-36-6		Relatively Non-Hazardous	Very Commonly Used	non hazardous Organic	X
Adipic acid	HO ₂ C(CH ₂) ₄ CO ₂ H	124-04-9		Somewhat hazardous	Very Infrequently Used	Organic #1	X
Alizarin Yellow R and Solutions		2243-76-7		Relatively Non-Hazardous	Very Infrequently Used	Organic #9	X
Aluminum Ammonium Sulfate	AlNH ₄ (SO ₄) ₂ · 12H ₂ O	7784-26-1		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #2	X
Aluminum Chloride	AlCl ₃ · 6H ₂ O	7784-13-6		Relatively Non-Hazardous	Commonly Used	Inorganic #2	X
Aluminum	Al	7429-90-5		Relatively Non-Hazardous	Very Commonly Used	Inorganic #1	X
Aluminum Potassium Sulfate	AlK(SO ₄) ₂ · 12 H ₂ O	7784-24-9		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #2	X
Ammonium Chloride	NH ₄ Cl	12125-02-9		Somewhat hazardous	Very Commonly Used	Inorganic #2	X
Ammonium Citrate	(NH ₄) ₂ HC ₆ H ₅ O ₇	3012-65-5		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #2	X
Ammonium Hydroxide	NH ₄ OH	1336-21-6		Extremely hazardous	Very Commonly Used	Inorganic #10	X
Ammonium Molybdate	(NH ₄) ₆ Mo ₇ O ₂₄ · 4H ₂ O	12027-67-7		Somewhat hazardous	Infrequently used	Inorganic #8	X
Ammonium Oxalate	(NH ₄) ₂ C ₂ O ₄ · H ₂ O	6009-70-7		Somewhat hazardous	Infrequently used	Inorganic #2	X
Ammonium Sulfate	(NH ₄) ₂ SO ₄	7783-20-2		Relatively Non-Hazardous	Infrequently used	Inorganic #2	X
Ammonium Thiocyanate	NH ₄ SCN	1762-95-4		Somewhat hazardous	Very Infrequently Used	Inorganic #7	X
Barium Chloride	BaCl ₂ · 2H ₂ O	10326-27-9		Extremely hazardous	Very Commonly Used	Inorganic #2	X
Barium Hydroxide	Ba(OH) ₂ · 8H ₂ O	12230-71-6		Hazardous	Infrequently used	Inorganic #4	X
Barium Nitrate	Ba(NO ₃) ₂	10022-31-8		Hazardous	Very Commonly Used	Inorganic #3	X
Benzophenone	(C ₆ H ₅) ₂ CO	119-61-9		Relatively Non-Hazardous	Very Infrequently Used	Organic #4	X
Benzoic Acid	C ₆ H ₅ COOH	65-85-0		Somewhat hazardous	Infrequently used	Inorganic #2	X
Boric Acid	H ₃ BO ₃	10043-35-3		Somewhat hazardous	Infrequently used	Inorganic #9	X
Bromine Water	Br _(aq)	7726-95-6		Extremely hazardous	Infrequently used	Inorganic #2	X
Bromthymol Blue	C ₂₇ H ₂₇ Br ₂ O ₅ SNa	34722-90-2		Relatively Non-Hazardous	Commonly Used	Organic #9	X
Calcium	Ca	7440-70-2		Hazardous	Infrequently used	Inorganic #1	X
Calcium Carbide	CaC ₂	75-20-7		Extremely hazardous	Infrequently used	Inorganic #5	X
Calcium Carbonate	CaCO ₃	471-34-1		Relatively Non-Hazardous	Very Commonly Used	Inorganic #4	X
Calcium Chloride	CaCl ₂	10043-52-4		Relatively Non-Hazardous	Very Commonly Used	Inorganic #2	X
Calcium Hydroxide	Ca(OH) ₂	1305-62-0		Relatively Non-Hazardous	Infrequently used	Inorganic #4	X
Calcium Nitrate	Ca(NO ₃) ₂	13477-34-4		Hazardous	Very Commonly Used	Inorganic #3	X
Calcium Phosphate	Ca(HPO ₄) ₂ · H ₂ O	10031-30-8		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #2	X

Chemical Inventory

Chemical Name	Chemical Formula	CAS Number	Inv. Amount	Hazard Warning	Usefulness	Storage	MSDS On File
Calcium Sulfate Hemihydrate	CaSO ₄ · 1/2H ₂ O	10034-76-1		Relatively Non-Hazardous	Infrequently used	Inorganic #2	X
Citric Acid	C ₆ H ₈ O ₇ · H ₂ O	5949-29-1		Relatively Non-Hazardous	Infrequently used	Organic #1	X
Charcoal	C	7440-44-0		Relatively Non-Hazardous	Infrequently used	Inorganic #4	X
Cobalt Nitrate	Co(NO ₃) ₂ · 6H ₂ O	10026-22-9		Hazardous	Infrequently used	Inorganic #3	X
Cobaltous Chloride	CoCl ₂ · 6H ₂ O	7791-13-1		Hazardous	Infrequently used	Inorganic #2	X
Cobaltous Nitrate	CoNO ₃			Somewhat hazardous	Infrequently used	Inorganic #3	X
Copper Metal (granular)	Cu	7440-50-8		Relatively Non-Hazardous	Infrequently used	Inorganic #1	X
Cupric Carbonate	Cu ₂ (OH) ₂ CO ₃	12069-69-1		Somewhat hazardous	Commonly Used	Inorganic #4	X
Cupric Chloride	CuCl ₂ · 2H ₂ O	10125-13-0		Hazardous	Very Commonly Used	Inorganic #2	X
Cuprous Chloride	CuCl	7758-89-6		Somewhat hazardous	Very Infrequently Used	Inorganic #2	X
Cupric Nitrate	Cu(NO ₃) ₂ · 3H ₂ O	19004-19-4		Somewhat hazardous	Very Commonly Used	Inorganic #2	X
Cupric Oxide	CuO	1317-38-0		Somewhat hazardous	Very Infrequently Used	Inorganic #4	X
Cuprous Oxide	Cu ₂ O	1317-39-1		Somewhat hazardous	Very Infrequently Used	Inorganic #4	X
Cupric sulfate (crystal) pentahydrate	CuSO ₄ · 5H ₂ O	7758-99-8		Somewhat hazardous	Very Commonly Used	Inorganic #2	X
Dextrose	C ₆ H ₁₂ O ₆	492-62-6		Relatively Non-Hazardous	Infrequently used	Organic #2	X
Drierite ®	CaSO ₄	7778-18-9		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #2	X
Ethyl Alcohol	C ₂ H ₅ OH	64-17-5		Somewhat hazardous	Infrequently used	Organic #2	X
Ferric Chloride	FeCl ₃ · 6H ₂ O	10025-77-1		Somewhat hazardous	Very Commonly Used	Inorganic #2	X
Ferric Nitrate	Fe(NO ₃) ₃ · 9H ₂ O	7782-61-8		Somewhat hazardous	Very Commonly Used	Inorganic #3	X
Ferric Oxide	Fe ₂ O ₃	1309-37-1		Relatively Non-Hazardous	Infrequently used	Inorganic #4	X
Ferrous Ammonium Sulfate	Fe(NH ₄) ₂ (SO ₄) ₂ · 6H ₂ O	7783-85-9		Relatively Non-Hazardous	Infrequently used	Inorganic #2	X
Ferrous Chloride	FeCl ₂ · 4H ₂ O	13478-10-9		Somewhat hazardous	Very Infrequently Used	Inorganic #2	X
Ferrous Sulfate	FeSO ₄	7782-63-0		Somewhat hazardous	Commonly Used	Inorganic #2	X
Glycerin	C ₃ H ₅ (OH) ₃	56-81-5		Somewhat hazardous	Very Commonly Used	Organic #1	X
Hydrochloric acid	HCl	7647-01-0		Extremely hazardous	Very Commonly Used	Inorganic #9	X
Hydrogen Peroxide	H ₂ O ₂	7722-84-1		Extremely hazardous	Infrequently used	Inorganic #6	X
Iodine	I ₂	7553-56-2		Extremely hazardous	Very Commonly Used	Inorganic #2	X

Chemical Inventory

Chemical Name	Chemical Formula	CAS Number	Inv. Amount	Hazard Warning	Usefulness	Storage	MSDS On File
Iron powder	Fe	7439-89-6		Somewhat hazardous	Very Infrequently Used	Inorganic #1	X
Isoamyl Alcohol	(CH ₃) ₂ CHCH ₂ CH ₂ OH	123-51-3		Hazardous	Infrequently used	Organic #2	X
Isopropyl alcohol	(CH ₃) ₂ CHOH	67-63-0		Somewhat hazardous	Very Commonly Used	Organic #2	X
Lauric Acid	CH ₃ (CH ₂) ₁₀ COOH	143-07-7		Relatively Non-Hazardous	Infrequently used	Organic #1	X
Lithium	Li	7439-93-2		Hazardous	Infrequently used	Inorganic #1	X
Lithium Chloride	LiCl	7447-41-8		Somewhat hazardous	Infrequently used	Inorganic #2	X
Lithium Nitrate	LiNO ₃	7790-69-4		Hazardous	Commonly Used	Inorganic #3	X
Lycopodium powder	N/A			Somewhat hazardous	Infrequently used	Organic #2	X
Magnesium Hydroxide	Mg(OH) ₂	1309-42-8		Relatively Non-Hazardous	Infrequently used	Inorganic #4	X
Magnesium Nitrate	Mg(NO ₃) ₂ · 6H ₂ O	13446-18-9		Hazardous	Very Commonly Used	Inorganic #3	X
Magnesium Oxide	MgO	1309-48-4		Relatively Non-Hazardous	Infrequently used	Inorganic #4	X
Magnesium ribbon	Mg	7439-95-4		Somewhat hazardous	Very Commonly Used	Inorganic #1	X
Magnesium Sulfate	MgSO ₄	10034-99-8		Relatively Non-Hazardous	Very Commonly Used	Inorganic #2	X
Magnesium Chloride	MgCl ₂ · 6H ₂ O	7791-18-6		Somewhat hazardous	Very Commonly Used	Inorganic #2	X
Manganese (IV) Oxide	MnO ₂	1313-13-9		Somewhat hazardous	Very Commonly Used	Inorganic #4	X
Manganese Metal	Mn	7439-96-5		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #1	X
Manganous chloride	MnCl ₂ · 4H ₂ O	13446-34-9		Somewhat hazardous	Commonly Used	Inorganic #2	X
Manganous sulfate	MnSO ₄ · H ₂ O	10034-96-5		Relatively Non-Hazardous	Commonly Used	Inorganic #2	X
Marble chips	CaCO ₃	471-34-1		Relatively Non-Hazardous	Commonly Used	Inorganic #4	X
Methyl Salicylate	C ₆ H ₈ O ₃	119-36-8		Somewhat hazardous	Very Infrequently Used	Organic #3	X
Naphthalene	C ₁₀ H ₈	91-20-3		Hazardous	Commonly Used	Organic #3	X
n-butyl Alcohol	CH ₃ (CH ₂) ₂ CH ₂ OH	71-36-3		Hazardous	Very Infrequently Used	Organic #2	X
Nickel Nitrate	Ni(NO ₃) ₂ · 6H ₂ O	13478-00-7		Hazardous	Infrequently used	Inorganic #3	X

Chemical Inventory

Chemical Name	Chemical Formula	CAS Number	Inv. Amount	Hazard Warning	Usefulness	Storage	MSDS On File
Nickelous Chloride	NiCl ₂	7791-20-0		Hazardous	Very Infrequently Used	Inorganic #2	X
Nitric acid	HNO ₃	7697-37-2		Extremely hazardous	Commonly Used	Acid Cabinet	X
Oleic acid	C ₁₈ H ₃₄ O ₂	112-80-1		Relatively Non-Hazardous	Infrequently used	Organic #1	X
Orange IV	Mixture	554-73-4		Relatively Non-Hazardous	Infrequently used	Organic #9	X
Oxalic Acid	H ₂ C ₂ O ₄	6153-56-6		Somewhat hazardous	Very Infrequently Used	Organic #1	X
Paraffin Oil	N/A	8020-83-5		Relatively Non-Hazardous	Infrequently used	Organic #3	X
p-Dichlorobenzene	C ₆ H ₄ Cl ₂	106-46-7		Hazardous	Infrequently used	Organic #4	X
Phenolphthalein	C ₂₀ H ₁₄ O ₄	77-09-8		Relatively Non-Hazardous	Very Commonly Used	Organic #9	X
Polyvinyl alcohol	[CH ₂ CH(OH)] _n	9002-89-5		Relatively Non-Hazardous	Very Infrequently Used	Organic #2	X
Potassium Acetate	KC ₂ H ₃ O ₂	127-08-2		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #2	X
Potassium Bicarbonate	KHCO ₃	298-14-6		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #4	X
Potassium Bromate	KBrO ₃	2138-13-2		Hazardous	Very Infrequently Used	Inorganic #6	X
Potassium Bromide	KBr	2138-16-4		Somewhat hazardous	Infrequently used	Inorganic #2	X
Potassium Chlorate	KClO ₃	696616		Hazardous	Infrequently used	Inorganic #6	X
Potassium Chloride	KCl	7447-40-7		Relatively Non-Hazardous	Very Commonly Used	Inorganic #2	X
Potassium Dichromate	K ₂ Cr ₂ O ₇	7778-50-9		Hazardous	Commonly Used	Inorganic #8	X
Potassium Hydrogen Phthalate	KHC ₈ H ₄ O ₄	877-24-7		Relatively Non-Hazardous	Infrequently used	Inorganic #2	X
Potassium Iodate	KIO ₃	2138-25-6		Somewhat hazardous	Commonly Used	Inorganic #6	X
Potassium Iodate Solution	KIO ₃	N/A		Relatively Non-Hazardous	Infrequently used	Inorganic #6	X
Potassium Iodide	KI	7681-11-0		Relatively Non-Hazardous	Very Commonly Used	Inorganic #2	X
Potassium Nitrate	KNO ₃	7757-79-1		Hazardous	Very Commonly Used	Inorganic #3	X
Potassium Permanganate	KMnO ₄	7722-64-7		Hazardous	Commonly Used	Inorganic #8	X
Potassium Phosphate monobasic	KH ₂ PO ₄	7778-77-0		Relatively Non-Hazardous	Infrequently used	Inorganic #2	X
Potassium sulfate	K ₂ SO ₄	7778-80-5		Relatively Non-Hazardous	Commonly Used	Inorganic #2	X

Chemical Inventory

Chemical Name	Chemical Formula	CAS Number	Inv. Amount	Hazard Warning	Usefulness	Storage	MSDS On File
Potassium Thiocyanate	KSCN	333-20-0		Somewhat hazardous	Very Commonly Used	Inorganic #7	X
Pumice Stone	N/A	N/A		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #4	X
Salicylic Acid	2-HOC ₆ H ₄ COOH	69-72-7		Somewhat hazardous	Very Commonly Used	Organic #1	X
Silver nitrate	AgNO ₃	7761-88-8		Hazardous	Very Commonly Used	Inorganic #3	X
Sodium	Na	7440-23-5		Extremely hazardous	Infrequently used	Inorganic #1	X
Sodium Acetate	NaC ₂ H ₃ O ₂	6131-90-4		Relatively Non-Hazardous	Commonly Used	Inorganic #2	X
Sodium Bicarbonate	NaHCO ₃	144-55-8		Relatively Non-Hazardous	Very Commonly Used	Inorganic #4	X
Sodium Bisulfite	NaHSO ₃	7631-90-5		Somewhat hazardous	Very Infrequently Used	Inorganic #2	X
Sodium Borate	NaB ₄ O ₇ · 10H ₂ O	1303-96-4		Somewhat hazardous	Infrequently used	Inorganic #6	X
Sodium Carbonate	Na ₂ CO ₃	497-19-8		Relatively Non-Hazardous	Very Commonly Used	Inorganic #4	X
Sodium Citrate	Na ₃ C ₆ H ₅ O ₇	1544-33-9		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #2	X
Sodium Chloride	NaCl	7647-14-5		Relatively Non-Hazardous	Very Commonly Used	Inorganic #2	X
Sodium Iodide	NaI	7681-82-5		Somewhat hazardous	Very Commonly Used	inorganic #2	X
Sodium Hydroxide	NaOH	1310-73-2		Hazardous	Very Commonly Used	Inorganic #4	X
Sodium meta-bisulfite	Na ₂ S ₂ O ₅	7681-57-4		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #2	X
Sodium Nitrate	NaNO ₃	7631-99-4		Hazardous	Very Commonly Used	Inorganic #3	X
Sodium Oxalate	Na ₂ C ₂ O ₄	62-76-0		Somewhat hazardous	Commonly Used	Inorganic #3	X
Sodium Phosphate	NaH ₂ PO ₄	10049-21-5		Somewhat hazardous	Infrequently used	Inorganic #2	X
Sodium Silicate	Na ₂ SiO ₃	13517-24-3		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #4	X
Sodium Sulfate	Na ₂ SO ₄	7757-82-6		Relatively Non-Hazardous	Infrequently used	Inorganic #2	X
Sodium Sulfite	Na ₂ SO ₃	7757-83-7		Relatively Non-Hazardous	Infrequently used	Inorganic #2	X
Sodium Thiocyanate	NaSCN	540-72-7		Somewhat hazardous	Infrequently used	Inorganic #7	X
Sodium Thiosulfate	Na ₂ S ₂ O ₃	7772-98-7		Somewhat hazardous	Infrequently used	Inorganic #2	X
Starch		9005-84-9		Relatively Non-Hazardous	Very Infrequently Used	Organic #2	X
Stearic Acid	CH ₃ (CH ₂) ₁₆ COOH	57-11-4		Relatively Non-Hazardous	Very Infrequently Used	Organic #1	X
Steel Shot	N/A	N/A		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #1	X
Strontium Chloride	SrCl ₂	10025-70-4		Relatively Non-Hazardous	Infrequently used	Inorganic #2	X
Sulfur (flowers)	S	7704-34-9		Somewhat hazardous	Very Commonly Used	Inorganic #10	X

Chemical Inventory

Chemical Name	Chemical Formula	CAS Number	Inv. Amount	Hazard Warning	Usefulness	Storage	MSDS On File
Sulfuric acid	H ₂ SO ₄	2551-62-4		Extremely hazardous	Very Infrequently Used	Acid Cabinet	X
Tannic acid	C ₇₆ H ₅₂ O ₄₆	1401-55-4		Somewhat hazardous	Infrequently used	Organic #1	X
Tin (granular)	Sn	7440-31-5		Relatively Non-Hazardous	Infrequently used	Inorganic #1	X
Universal Indicator Solution, Rainbow Acid		N/A		Relatively Non-Hazardous	Commonly Used	Organic #9	X
Zinc (dust)	Zn	7440-66-6		Somewhat hazardous	Infrequently used	Inorganic #1	X
Zinc (granular)	Zn	7440-66-6		Relatively Non-Hazardous	Infrequently used	Inorganic #1	X
Zinc (mossy)	Zn	7440-66-6		Relatively Non-Hazardous	Infrequently used	Inorganic #1	X
Zinc Carbonate	ZnCO ₃	5970-47-8		Relatively Non-Hazardous	Very Infrequently Used	Inorganic #4	X
Zinc Chloride	ZnCl ₂	7646-85-7		Somewhat hazardous	Infrequently used	Inorganic #2	X
Zinc Nitrate	Zn(NO ₃) ₂ · 6H ₂ O	10196-18-6		Somewhat hazardous	Very Commonly Used	Inorganic #3	X
Zinc Oxide	ZnO	1314-13-2		Somewhat hazardous	Very Infrequently Used	Inorganic #4	X
Zinc Sulfate	ZnSO ₄	7446-20-0		Relatively Non-Hazardous	Infrequently used	Inorganic #2	X