














CHEMICAL COMPATIBILITY AND SEGREGATION INFORMATION

HAZARD CLASS OF CHEMICALS	ID COLOR	GHS	EXAMPLES	STORAGE & COMPATIBILITY INFORMATION
OXIDIZER (LIQUIDS/SOLIDS)	Yellow		PERSULFATES/PERMANGANATES/NITRATES/NITRITES/PERCHLORATES/CHLORATES (not inclusive).	MUST BE SEGREGATED FROM ORGANICS/ORGANIC SOLVENTS, FLAMMABLE LIQUIDS AND SOLIDS/INCOMPATIBLE ACIDS/BASES & MAINTAINED IN SECONDARY COMPATIBLE CONTAINERS/NITRIC ACID-SEGREGATE FURTHER; PERCHLORIC ACID REQUIRES APPROVAL/RATED HOOD.
ORGANIC PEROXIDES (LIQUIDS/SOLIDS)	Yellow/Red	 	HYDROGEN PEROXIDE/(BENZOYL PEROXIDE (e.g.)-LUPEROX) KETONE PEROXIDE/ MEK PEROXIDE (not inclusive).	REQUIRES LSOP/SEGREGATE FROM INCOMPATIBLES/STORE PER SDS TEMPERATURE REQUIREMENTS & DISPOSE ALL WASTES THROUGH EH&S.
FLAMMABLE (LIQUIDS/SOLIDS/GAS)	Orange	 	XYLENE/ACETONE/METHANOL/N,N-DIMETHYLFORMAMIDE/ETHANOL/ISOPROPANOL/PYRIDINE/TETRAHYDROFURAN/CYCLOHEXANONE/ETHYL ACETATE/ETHERS/METHYL METHACRYLATE/FLAMMABLE SOLIDS-PARAFORMALDEHYDE & SODIUM DODECYL SULFATE/ FLAMMABLE GASES/AEROSOLS (E.G.) BUTANE-(not inclusive)	STORE FLAMMABLES IN FLAMMABLE CABINET IN LAB OR IN (H-ROOM). COLLECT ALL SOLVENT WASTE IN S.A.A. WASTE COLLECTION-PROPERLY LABELED AND STORED. Safety Note: Tetrahydrofuran (THF), ethers, other Peroxide Formers require Peroxide Safety Program. Date bottle received, opened, test for peroxide formation, track test results, store and dispose per SDS recommendation.
CORROSIVE - ACIDIC ORGANIC (LIQUIDS/SOLIDS)	Black		FORMIC ACID/ACETIC ACID-GLACIAL/ TRICHLOROACETIC ACID/TRIFLUOROACETIC ACID. (not inclusive)	STORE AWAY FROM INCOMPATIBLES, STORE PER MANUFACTURER SDS RECOMMENDATIONS/KEEP AWAY FROM CYANIDES & ISOCYANATES/ SODIUM AZIDE/OXIDIZERS AND BASES & INORGANIC ACIDS. DISPOSE ALL WASTE THROUGH EH&S. STORE IN ACID CABINET/ (H-ROOM)
CORROSIVE-ACIDIC INORGANIC (LIQUIDS/SOLIDS)			HYDROCHLORIC ACID/SULFURIC ACID/PHOSPHORIC ACID/ALUMINUM CHLORIDE/PHOSPHOTUNGSTIC ACID. (not inclusive)	STORE AWAY FROM INCOMPATIBLES/STORE PER MANUFACTURER SDS RECOMMENDATIONS/KEEP AWAY FROM BASES/OXIDIZERS/SODIUM AZIDE/CYANIDES & ISOCYANATES. DISPOSE ALL WASTE THROUGH EH&S. STORE IN ACID CABINET/ (H-ROOM)
CORROSIVE - BASIC ORGANIC (LIQUIDS/SOLIDS)	Blue		(AMINES)-CHLORAMINE/METHYLAMINE/IMIDAZOLE/BENZIMIDAZOLE/BENZYLTRIMETHYLAMMONIUM HYDROXIDE SOLUTION. (not inclusive)	STORE AWAY FROM INCOMPATIBLES/STORE PER MANUFACTURER SDS RECOMMENDATIONS/KEEP AWAY FROM CYANIDES & ISOCYANATES/ OXIDIZERS ACIDS. DISPOSE ALL WASTE THROUGH EH&S. STORE IN BASE CABINET/ (H-ROOM)
CORROSIVE - BASIC INORGANIC (LIQUIDS/SOLIDS)			SODIUM HYDROXIDE/CALCIUM HYDROXIDE/LITHIUM HYDROXIDE/POTASSIUM HYDROXIDE. (not inclusive)	STORE AWAY FROM INCOMPATIBLES, STORE PER MANUFACTURER SDS RECOMMENDATIONS/KEEP AWAY FROM CYANIDES & ISOCYANATES/ OXIDIZERS ACIDS. DISPOSE ALL WASTE THROUGH EH&S. STORE IN BASE CABINET/ (H-ROOM)
TOXICS-ACUTELY HAZARDOUS & MISC REACTIVES (LIQUIDS/SOLIDS)	Green	   	PHENOL/ CHLOROFORMATES/ CHLOROFORM/OSMIUM TETROXIDE/ SODIUM AZIDE/PHENYLMETHYLSULFONYL FLUORIDE/ CHLOROACETONE/ACROLEIN/FLUORIDES (not inclusive)	STORE AWAY FROM INCOMPATIBLES/STORE PER MANUFACTURER SDS RECOMMENDATIONS/KEEP AWAY FROM OXIDIZERS ACIDS/WATER METALS. SEGREGATE REACTIVES FROM EVERYTHING. DISPOSE ALL WASTE THROUGH EH&S. STORE IN ACID CABINET/ (H-ROOM)

NOTE: CHEMICAL WASTE AND REAGENTS CANNOT STORE IN FUME HOODS. PLEASE USE FUME HOODS TO TRANSFER SAFELY-THEN PLACE REAGENTS BACK INTO PROPER STORAGE/WASTE IN S.A.A.

