

Chemical Abbreviations and Annotations Used on secondary containers in this laboratory

All containers must be clearly labeled with contents and a hazard indication. Labs may use abbreviations as long as this or another sheet is prominently posted in the lab. This list includes common substances. Extend the list as necessary with lab-specific abbreviations.

ACIDS:

Corrosive to skin, eyes, and respiratory tract

HCl Hydrochloric acid
HF Hydrofluoric acid
TCA Trichloroacetic acid
H₂SO₄ Sulfuric acid

BASES:

Corrosive to skin, eyes, and respiratory tract

KOH Potassium hydroxide
NH₃OH Ammonium hydroxide
NaOH Sodium hydroxide

FLAMMABLE LIQUIDS:

Fire hazard

EtOH Ethyl alcohol
MeOH Methanol
IPA Isopropyl alcohol

TOXIC:

Harmful by ingestion or skin absorption

DEPC Diethyl pyrocarbonate
DMSO Dimethyl sulfoxide
Carries hazardous materials through the skin

LOW HAZARDS:

SDS Sodium dodecyl sulfate, *detergent*
TAE Tris acetic acid + Ethylenediaminetetraacetic acid
TBE Tris boric acid + Ethylenediaminetetraacetic acid
PBS Phosphate buffered saline, *buffer*
SSC Sodium chloride sodium citric acid
TE Tris ethylenediaminetetraacetic acid
SSPE Sodium chloride sodium phosphate + Ethylenediaminetetraacetic acid
STET Sodium chloride
 Ethylenediaminetetraacetic acid
 tris Triton X-100
TNT Tris sodium chloride Tween-20
TPE Tris phosphoric
 ethylenediaminetetraacetic acid
STE/TEN Sodium chloride tris
 Ethylenediaminetetraacetic acid
DI Deionized water

LABORATORY-SPECIFIC ABBREVIATIONS:

Abbreviation	Material

– Post in the lab –