Labeling of Samples & Waste

Containers used by lots of people or placed in Storage fall under HazCom (Hazard Communications) this was covered last Wednesday.

Chemical Name	
Pictogram (5) Signal Ward Hazard Statement(3) Contact Info	Laborator Coordinator (Staff)



+ Organic Solvents dissolve ink
- labels written in ink become unreadable in an accident.
- labels should be in pencil Carton graphite does not dissolve with organic Solvents. Still readible in an accident



Use of standard abbreviations ok





Pipets can be reused for multiple classes Etal for some Solvents. Clean Solvents

Waste Labels - Haz Com

Must be labeled in pencil



Start Tote Hazardus Organic Waste  $\Diamond$ Danger Hazard statements



## **Hazardous Waste**

State and Federal Law Prohibits Improper Disposal If found contact the Cabrillo College Hazardous Materials Office (831) 479-6316



### In case of emergency call 911 and (831) 479-6313 Cabrillo College Hazardous Materials Office 6500 Soquel Drive Aptos, CA 95003

+This?	Side Com.	deted t	×
Stud	ents '		
No at	breviations	No formo	las, 1
	/		added
Chem	ical Cons	tituents	- aretrictor
(If a mixt	ure, list all che	micals by %	volume;
use full cl	nemical names	)	Ľ
Ace	one		%
Met	hanol		%
Diett	ud etter		%
Ethy	lacetat	C	%
			%
			%
			%
			%
			%
		to	tal 100%
Physical	State:		
<b>G</b> as	□ Solid	🗖 Liquid	
Hozord (		lammahla	Completed

#### 

# Staff later

### Handle With Care







Waste that dissolves in water or is miscible with water

Wasle that dissolves in organic Solvents. Solid Samples that have no Solvent Dry Solids)

Homogenous mixture with water Naother

Naclag Meatag Etatlag Acetone (ag) Salts, alcohols, acetone

Diethyl ether, hexare, X toluene

Homogeneous with organic Solvents

Biplienyl Triphienyl Methand Acetone (no Hzo) -Meat (no Hzo) -Etoth (no Hzo) -Hexane Toluene For Chemicals All dry Chemicals Heavily Soiled gloves Weighing Paper w/ Stickey Residue

Expensive waste

No Hzo, No Salts X

papertowels used for HzO Gloves not chenically Contamnatec





rapertowels can be a serious hazard



Larger Spill we exacuate the room and allow instructor et Staff to deal with. Difference between liquid & aqueous

Liquid is a state of matter HZO(0) Methanol(0) Toluene(0) hexane(0)

Aqueous is a Solution in HzO

> Nacley NH40Hes Methanoles Ethanoles Solutrons with Water as Solvent