

## **CERS SLEUTHS & CALARP CLUES:**

#### SEARCHING FOR HIDDEN CALARP SITES

W-A2 March 26, 2025

Alvin Dong, RMPPS Marco Escobedo, unbeknownst to him, guest speaker Minh Le, Supervising Hazardous Materials Specialist Alvin Lal, Stanislaus CUPA Manager





AGENDA

#### • Identify unknown CalARP facilities

### Using:

CALIFORNIA

- ➤ Knowledge
- New information
- Data bases/referrals





https://en.wikipedia.org/wiki/Where%27s\_Wally%3F



AGENDA

### First Half

Education – Brief Risk Management Overview

Class – How to obtain Data

Data Bases/CERS – Prepping the Data Tips & Tricks



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F





CALIFORNIA

#### Earlier: Flixborough



#### 1984: Bhopal





LIFORNI/

1985: Excel, MS Windows, Disclosure, RMPP



#### 1991: List of Lists





### 1996: RMP Rule Section 112(r)

#### 1997: RMPP replaced with CalARP









Official website of the State of California



Businesses **Regulators**  Announcements EDT

**CERS NextGen** Resources

About CERS

#### **CERS** Central



Welcome to the California Environmental Reporting System (CERS)



Regulator Portal Sign In 🖉

Regulator Training Portal Sign In 2



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Contact Us





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# There was more to RMP...

AGENDA

Education RMP Background Class – How to obtain Data Data Bases/CERS – Prepping the Data Tips & Tricks

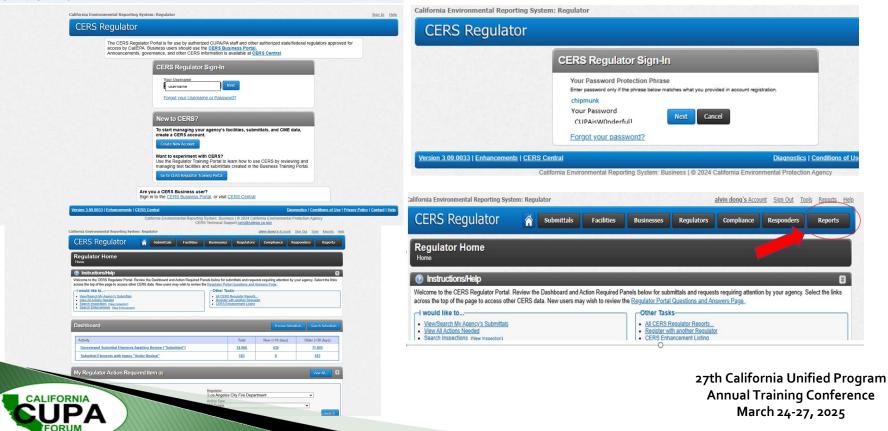


https://en.wikipedia.org/wiki/Where%27s\_Wally%3F



## **Class: How to obtain your data**

s cersregulator.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f



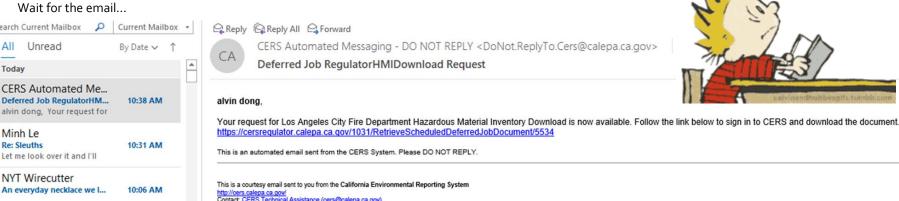
## The Process: it's all about the process

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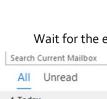
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> Inbox 51422

Contact: CERS Technical Assistance (cers@calepa.ca.gov)



CALIFORNIA



# Powerpoint—what's next?

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# **First half**

#### AGENDA

Education RMP Background

Classes – How to obtain Data

Data Bases/CERS – Prepping the Data Tips & Tricks



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F



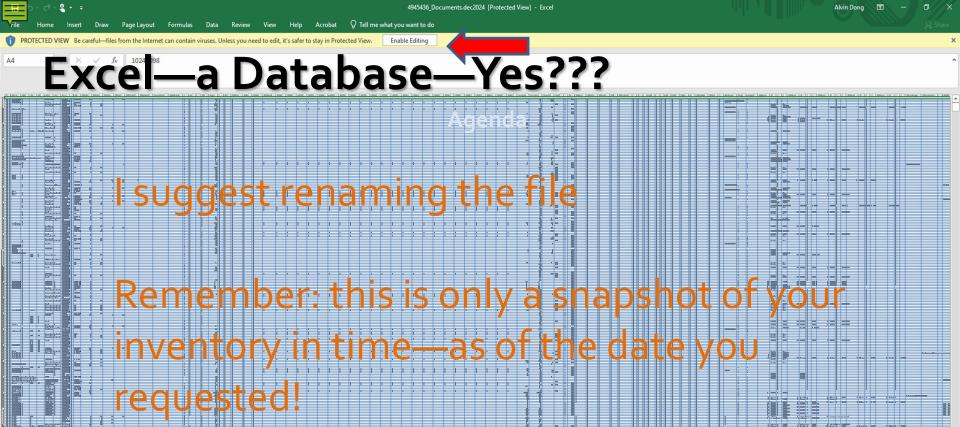


Rename & Save the download

Excel is a Spreadsheet vs Database

- Minimize the number of programs running The greater the number of lines the more important
- Save often—the file is prone to crashing...







is your friend

# Provisos...MS Excel

What it is:

Spreadsheet

- Store Rows & Columns
- Organize
- Analyze
- Automate calculations

What it is not: Database

- Store Tables
- Organize
- Maintain
- Ensure Integrity

<u>https://www.excelandaccess.com/blog/excel-is-not-a-</u> <u>database/#:~:text=Excel%20can%20do%20much%20of,an%20alternative%20to%20a%20database</u> https://baserow.io/blog/database-instead-of-excel

# Quid Pro Quos...MS Excel



Dos:

- Save FREQUENTLY
- Sort Everything
- Maintain data integrity
- Sort from Column A
- Include all Columns
- Save consistently
- Leave breadcrumbs

Assumption—all Sleuthers have a working knowledge of Excel

27th California Unified Program Annual Training Conference March 24-27, 2025

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Don'ts:

- Break the sheet
- Sort a single column
- Haphazard
- Undisciplined
- Careless



Data values:

# Limitations

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# Limitations

Corrollary 1 Most sleuths have little working knowledge of Excel...

#### Caveats

Excel is a Spreadsheet Data are treated as formulas CAS Numbers are not numbers Excel recognizes Dates are problematic



Numbers **7** Text

Data =Text = Codes

Numbers have intrinsic value

## Quid Pro Quo—Wait, What?

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9	8006-61-9	9		hazardous materials which a
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5	2	Combustible Liquid, Class II	
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7	4	Combustible Liquid, Class III-B	
8	5	Corrosive	
9	6	Cryogen	
.0	7	Explosive	
1	8	Flammable Gas	
2	9	Flammable Liquid, Class I-A	
3	10	Flammable Liquid, Class I-B	
.4	11	Flammable Liquid, Class I-C	
5	12	Flammable Solid	
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7	14	Irritant	
.8	15	Liquified Petroleum Gas	
9	16	Magnesium	
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4	21	Oxidizing Gas, Gaseous	
25	22	Oxidizing Gas, Liquified	
26	23	Organic Peroxide, Class I	
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4		DOT Hazard Classes	
5	11	MASS EXPLOSIVE HAZARD	
6		PROJECTION HAZARD	
7		FIRE AND/OR MINOR BLAST/PROJECTION HAZARD	
8		MINOR EXPLOSION HAZARD	
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CALIFORNIA CUPA FORUM

## Quid Pro Quo-OLE?

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Press CTRL+ALT+DEL to restart your computer. If you do this, you will lose any unsaved information in all open applications.

Error: 0E : 016F : BFF9B3D4

Press any key to continue

# Quid Pro Quo-oh no--OK

CALIFORNIA



# Hit the Griddy

### Create Backups

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# **First half**

#### AGENDA

Education RMP Background Classes – How to obtain Data Data Bases/CERS – Prepping the Data Tips & Tricks



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F



#### The following are small snippets

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		Inve	entory	Code Re	eference he	aders	useful why	useful	- e	. 🕂 : 🔳				

A1

f<sub>x</sub> Location Information

27th California Unified Program Annual Training Conference March 24-27, 2025



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#### The following are small snippets

Fi	ile Home	I	nsert D	raw	Page Layout	Formulas	Data	Review	View	Developer H	elp	Acrobat	🖓 Tell me	
A1	-	:	×	$f_{x}$	Location In	formatio	n							
	А		В		С		D	E		F		G	н	1
1				Lo	cation Informa	tion						Chemica	I Identification	
2	1a*		201		202		203	204		205		206	207*	208
3	CERSID 👻	Chei	micalLocat	ion 💌	CLConfidentia	l 🔽 Map	Number 👻	GridNumt	er 💌	ChemicalName	<ul> <li>Trans</li> </ul>	adeSecret 💌	CommonName	EHS 🔽
4	10128823	Facil	lities UPS :	1st and	N					Lead Acid Batteri	e: N		Lead Acid Batteri	e:Y
5	10117489	Behi	ind Bldg. 1	540 Sce	N					Ultra Low Sulfur I	Di N		Diesel Fuel	N
6	ERS ID		Center in	Buildir	N					1,1,1,2,3,3,3-hep	ta N		FM-200	N
	3-digit or 9-digi	E I	Scenic Av	enue (	N					Lead Acid Batteri	e: N		Lead Acid Batteri	e: N
8 1	dentifier used to	D	THEAST SI	DE OF (	N					Diesel Fuel No. 2	N		Diesel Fuel No. 2	N
	iniquely identif		ERGROUN	D STOF	N					GASOLINE	N		GASOLINE (GRAD	E N
10	his facility in Cl	.n.s.	LITY GARA	GE						WASTE OIL	N		WASTE OIL, USED	NN
11	10513087	FAC	LITY GARA	GE	N					WASTE OIL FILTER	RS N		WASTE OIL FILTER	S N
12	10513087	FAC	ILITY GARA	GE	N					WASTE ANTIFREE	ZEN		WASTE ANTIFREE	ZIN
13	10513087	IN F	RONT OF F	ACILIT	N					ODORIZED PROP	AT N		PROPANE	N
14	10412758	IN H	UB ROOM	, NORTI	N					LEAD ACID BATTE	RN		LEAD ACID BATTE	RN
15	10412758	UND	ER GENER	ATOR V	N					PETROLEUM HYD	RCN		DIESEL FUEL	N
16	10412758	SOU	THWEST C	ORNER	OF HUB					1,1,1,2,3,3,3-HEP	TA N		FM-200	N
17	10612594	UST,	N of Fuel	ing Can	N					Gasoline	N		Gasoline	N
		Inve	entory	Code Re	eference he	aders	useful why	useful	- e	. 🕂 : 🔳				

A1

f<sub>x</sub> Location Information

27th California Unified Program Annual Training Conference March 24-27, 2025



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#### Fix the Headers

File	Home	Insert	Draw	Page Layout	Formulas	s Data	Review	View	Help	Acrobat	Design	🔉 Tell me what you w	ant to do	<b>,</b>
			✓ R	tuler 🗹 Fo	rmula Bar							View Side by Side Synchronous Scrolling	E	_
Norma	-	Page Custor Layout Views		öridlines 🗹 He	adings	Zoom 100	% Zoom to Selection			Freeze Panes ≠		Reset Window Position	Swi	
	Workbook	c Views		Show		Zo	om			$\langle \rangle$	Window			Macros
2	1a*	201		202		203	204		20	$\sim$	206	207*	208	209
3	CERSID -	ChemicalLoca	tion 💌	CLConfident	ial 👻 Map	Number 💌	GridNum	ber 👻 🤇	Chemical	Vame 🔻	TradeSecret	CommonName 👻	EHS 🔻	CASNumber 👻 🛛
4	10241098			N								ACETYLENE (2 TAN	N	
5	10241098	BODY SHOP D	EPT	N				(	Dxygen Di	ifluoride		OXYGEN	N	7783-41-7
6	10241098	PAINT DEPT		N								P.C.I. LACOUER TH	N	

CALIFORNIA

		kΤ	ID	Page	Layout Fo	rmulas	Data	Review	View	Developer	Help A	crobat	🖓 Tell me		
			-	Lo	ocation Infor	matio	n								
	A		В		С		D		E	F		G	Н	1	
	1 2 1a*		201	Locatio	n Informatio 202	n F	203		04	205	-	Chemica 206	I Identification 207*	208	
	3 CERSI	D 🔻 Chem	icalLocatio	on 🔽 CLCo	nfidential	Map					ne 🔽 Trade		CommonName	- EHS	
	_									_			Lead Acid Batter		
	- +h.	$\sim$		in		\ Λ			$\sim$ $+$	-ha		<b>D</b>	Diesel Fuel FM-200	N	
Keep		H ()		c		VV		<b>(</b> (		$\mathbf{P}$		UV	Lead Acid Batter		
							• • •					<b>r</b> /	Diesel Fuel No. 2	_	
	10 this facility	in CERS.	KGROUND	STORN						ASOLINE ASTE OIL	N		GASOLINE (GRAD		
	11 105130		TY GARAG							ASTE OIL			WASTE OIL, USEL	_	-
	12 105130	87 FACIL	TY GARAG	E N					W	ASTE ANTI	FREEZEN		WASTE ANTIFRE	ZIN	
	13 105130		ONT OF FA							ORIZED PF			PROPANE	N	-
	14 104127 15 104127		B ROOM, I R GENERA							AD ACID BA			LEAD ACID BATTE DIESEL FUEL	N	
	16 104127			RNER OF H	UB					L,1,2,3,3,3-			FM-200	N	
	17 106125	94 UST, N	l of Fuelin	g Can N					Ga	soline	N		Gasoline	N	
	· · ·	Inven	tory Co	ode Referer	nce heade	ers	useful why	usef	ul   ( (	+ : •					
А	В		(	С	D		E		F		G		Н	1	J
		Lo	cation In	formatior	1						Cher	nical Ide	ntification		
🔶 1a*	201		2	02	203		204		20	5	206		207*	208	209
CERSID 💌	ChemicalLoo	ation 💌	CLConfid	lential 💌	MapNum	oer 🔻	GridNum	ber 🔻	Chemical	Name 💌	TradeSecre	t 🔻 Cor	nmonName 💌	EHS 🔻	CASNumbe -
1012 CERS	D	S 1st and	N						Lead Acid	Batteries	N	Lea	d Acid Batterie	Y	
	t or 9-digit	. 1540 Sce	N						Ultra Low	Sulfur Di	N	Die	sel Fuel	N	68476-34-6
1011 Identif		in Buildir	N						1,1,1,2,3,3	,3-hepta	N	FM	-200	N	431-89-0
1011 uniqu	ely identify	Avenue (	N						Lead Acid			Lea	d Acid Batterie	N	NA
1040 this fa	cility in CERS.	SIDE OF							Diesel Fue	el No. 2	N	Die	sel Fuel No. 2	N	68476-34-6
CALIFORNIA	Code Refere	nce h	eaders	useful w	hy usef	ul	data da	ate	e <mark>r</mark> 🕀	: 4					ornia Unifi Training Co

FORUM

27th California Unified Program

### DC columns? 4\*26+3=107

D98	*	: × ✓ fs	* 1	st Floor Map									
	А	в		с	D		E	F	G	н	1	J	к
1			Locatio	n Information	1				Chemica	I Identification			
2	1a*	201		202	203		204	205	206	207*	208	209	210a
3	CERSID 🔻	ChemicalLocation	CLCo	onfidential 💌	MapNum	ber 🔻	GridNumber 💌	ChemicalName 💌	TradeSecret 💌	CommonName 💌	EHS 🔻	CASNumbe 👻	PFCodeHazardCla 👻 SF
98	10450675	Elevator Equipment	t F N		1st Floor N	Иар	F4			Hydraulic Fluid	N		
99	10419442	west side of lot	Ν				B-C 3-5	Unleaded Gasoline	N	Unleaded Gasoline	N	8006-61-9	10
100	10419442	west side of lot	Ν				D 4-5	Diesel Fuel No. 2	N	Diesel Fuel No. 2	N	68476-34-6	2
101	10419442	east side of lot	Ν	Map Number If a map is inc			F 2		N	Motor Oil	N		4
102	10419442	service bay	Ν	number of ma			B1	Ethylene Glycol	N	Ethylene Glycol	N	107-21-1	4
103	10419442	Dumpster area	Ν	which the loc			E 2	Used Filters (Drain	N	Used Filters (Drain	N		27
104	10157045			the hazardous material is sho						Chlor Brite	N		17
105	10157045									1" Chlor/3" Jumbo	N		17
106	10157045									Muriatic Acid	N		5
107	10157045									Power Powder Plu	N		19
108	10157045		Poforo	nco <b>boodo</b> a	data	dat	oobc-717	cortingCAS cool		Chlorinating Liquid	N		5

CALIFORNIA

### Each Column has data Data has been classified as Value or Data Something I want (useful) or don't need

	Α	В	С	D	E	F	G	Н		L	К	
1		Lo	ocation Information	1			Chemica	al Identification				
2	1a*	201	202	203	204	205	206	207*	208	209	210a	
3	CERSID 🔻	ChemicalLocation 🔽	CLConfidential	MapNumber 💌	GridNumber 💌	ChemicalName 💌	TradeSecret 💌	CommonName 💌	EHS 💌	CASNumber	PFCodeHazardCla 💌	SF
4	Value	data d	data	data	data	data	data	data	data	data	data	dat
5	Need	maybe	don't need	don't need	don't need	useful	don't need	useful	useful	Very useful	don't need	do
98	10421194	LENS PROCESSING AR	N			COMPRESSED AIR	N	COMPRESSED AIR	N		39	1
99	10421194	LENS PROCESSING AR	N		()	NITROGEN	N	NITROGEN	Ν		39	١
100	10450675	Elevator Equipment FI	N	1st Floor Map	F4			Hydraulic Fluid	N			
101	10419442	west side of lot	N	()	B-C 3-5	Unleaded Gasoline	N	Unleaded Gasoline	Ν	8006-61-9	10	J



#### Useful columns have been highlighted

 $\bullet$  :  $\times$   $\checkmark$   $f_{x}$  Location Information

A1

	А	В	С	D	E	F	G	Н	1	J	
1		Lo	cation Information	1			Chemica	I Identification			
2	1a*	201	202	203	204	205	206	207*	208	209	
3	CERSID 🔻	ChemicalLocation 💌	CLConfidential 💌	MapNumber 💌	GridNumber 💌	ChemicalName	TradeSecret 💌	CommonName	EHS 🔽	CASNumbe 💌	PF
4	Value	data	data	data	data	data	data	data	data	data	dat
5	Need	maybe	don't need	don't need	don't need	useful	don't need	useful	useful	Very useful	doi

К	L	м	N	0	Р	Q	R
				Fire Code Hazard Class In	formation		
<b>210</b> a	210b	210c	210d	210e	210f	210g	210h
, PFCodeHazardCla 🔻	SFCodeHa 🔻	TFCodeHazardClass 💌	FFCodeHazardClass 💌	Fifth Fire Code Hazard Class 💌	SixthFireCodeHazardClass 💌	SeventhFireCodeHazardClass 💌	EighthFireCodeHazardClass 🖃 🖡
data	data	data	data	data	data	data	data c
don't need	don't need	don't need	don't need	don't need	don't need	don't need	don't need ເ

### Useful columns have been highlighted

S	Т	U	V	W	
<b>-</b>					
211	212	213	214*	215	
C HMType	RadioActive	Curies	PhysicalSta	LargestContainer	FH
data	data	Value	data	Value	da
ık useful	Never looked	Never look	useful	useful	Ne

- 8	т	z	AA		AB	AC	AD	AE	AF	AG	AH	Al	AJ	AK	AL	AM	AN	A0	AP		AQ.	AB	AS	AT	AU	AV	AM	AX	AT	A2
1				Firo Hoxer	d Catagory In											tary Information									Fire	Haxerd Cate gary in	formation			
2 216a	2161	216 c	216		216.0	216F	2164	2166	216i	216	216k	2161	216m	216 m	216m	216p	2164	216	r 216 <i>r</i>		2161	2164	216+	216u	216x	2167	216x	21644	21666	216cc
3 FHCFire	FHCRe	oct FHCPra	rr FHCAcutaHa	alth	FHCChranic	HCPhyzi Fi	HCPhyzi-F	HCPhyricalExplarit	ve FHCPhys	ice FHCPhy.	FHOPhyz	i- FHCPhyricelOrgenicPeraxide	FHCPhyricalSolfReactive	FHCPhy	FHCPhyricalCarr	ari: FHCPhyricalContactWa	terE FHCPhyzicalCan	burti FHCPhyzia	alHaza FHCHealthC	arcina FHCHa	lo althAcuto Tao I	FHCHealthReproduc	FHCHaalthSkinCor	r FHCHealthRespire	e FHCHealthSeriour	E: FHCHoolthSpeci	fic1 FHCHealthArpire	tis FHCHaalthGormCa	I FHCHealthSimple#	& FHCHealthHexardN
4 data	data	data	data		deta	data da	ata d	ate	data	data	data	data	data	data	data	data	data	data	data	deta		data	data	data	data	data	data	data	data	data
5 Noverlag	ako Noverl	aal Novor Ia	al Neverlanked		Never Innke	Never Inst N	lavar land N	lovor lankod	Neverla	ko Novorla	Never los	ik Nover laaked	Nover Insked	Neverla	Nover Insked	Never lasked	Never lanked	Never laak	ed Neverlauke-	i Nover	elaaka-d	Novor lankod	Neverlanked	Never Insked	Neverlanked	Neverlanked	Never lanked	Neverlanked	Never Insked	Never lanked
6																														

BA	BB	BC	BD	BE	BF	
217	218*	219	220	221*	222	
t(AverageDailyAmount	MaximumDailyAmount	AnnualWasteAmount	StateWasteCode	Units	DaysOnSite	S
Value	Value	Value	data	data	Value	di
useful	Very Useful	maybe	not really	useful	maybe	m

### Useful columns have been highlighted

BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY
		Storage Container Infor	mation*								Sto	orage Container I	nformation*				Storage	Container Information*
223a	223b	223c	223d	223e	223f	223g	223h	223i	223j	223k	2231	223m	223n	2230	223p	223q	223r	223r-1
SCAboveGroundTank	SCUnderGroundTank	SCTankInsideBuilding	SCSteeIDrum	SCPlasticNonMetallicDrum	SCCan	SCCarboy	SCSilo	SCFiberDrum	SCBag	SCBox	SCCylinder	SCGlassBottle	SCPlasticBottle	SCToteBin	SCTankTruckTankWagon	SCTankCarRailCar	SCOther	OtherStorageContainer
data	data	data	data	data	data	data	data	data	data	data	data	data	data	data	data	data	data	data
maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe	maybe

BZ	CA	CB	CC	CD	CE	CF	CG	СН	CI	CJ	СК	CL	CM	CN	со	CP	CQ	CR	CS	СТ	CU
			На	zardous C	omponen	t Informat	ion					H	azardous C	omponen	t Informat	tion				us Comp	onent Info
224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245
StorageP	StorageT	HC1Perce	HC1Name	HC1EHS	HC1CAS	HC2Perce	HC2Name	HC2EHS	HC2CAS	HC3Perce	HC3Nam	e HC3EHS	HC3CAS	HC4Perce	HC4Nam	e HC4EHS	HC4CAS	HC5Perce	e HC5Nam	E HC5EHS	HC5CAS
data	data	Value	data	data	data	Value	data	data	data	Value	data	data	data	Value	data	data	data	Value	data	data	data (
useful	useful	Very Use	luseful	useful	Very Use	l Very Use	fuseful	useful	Very Use	l Very Use	fuseful	useful	Very Use	l Very Use	luseful	useful	Very Use	Very Use	fuseful	useful	Very Usef

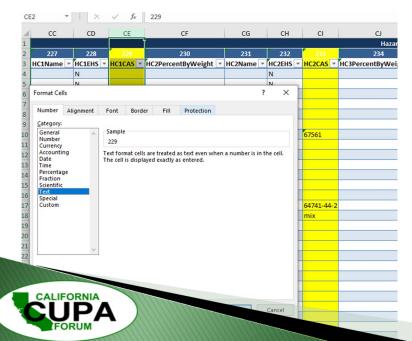
	CV	CW	СХ	СҮ	CZ	DA	DB	DC	DD
þ									
	246	247	250	251	252	20.0010	20.0005	20.0006	
	Chemical	Additiona	CCLID	USEPASRS	DOTHazar	Submitte	Submittal	Accepted	Date
	data	data	data	Value	Value	Value	data	Value	
f	useful	useful	don't care	maybe	don't care	maybe	don't care	don't care	

Only 39 columns...



### **Tricks & Tips**

#### Preserve the data CAS #s, Dates & Numbers



	DA	DB	DC	DD	DE	DF	DG
252	20.0010	20.0005	20.0006				
DOTHazardClassificationID	SubmittedDateTime	SubmittalAction -	Accepted Date 👻				
	10/6/17 10:42	AM Not Accepted	6/28/2023 11:01				
6.1	10/6/17 10:42	AM Not Accepted	6/28/2023 11:01				
	10/6/17 10:42	AM Not Accepted	6/28/2023 11:01				
3	3/7/24 6:35	PM Not Accepted	6/23/2024 17:01				
3	8/1/16 3:34	PM Not Accepted	6/11/2024 15:23				
2.2	8/1/16 3:34	PM Not Accepted	6/11/2024 15:23				
	8/1/16 3:34	PM Not Accepted	6/11/2024 15:23				
	5/17/22 1:29	PM Not Accepted	3/20/2024 0:00				
On	10/18/17 4:17	PM Not Accepted	11/23/2022 12:44				
took an		PM Not Accepted	11/23/2022 12:44				
	12/17/16 4:3	Format Cells				?	×
field.	3/31/15 3:1						
	3/31/15 3:1	Number Alignment	Font Border Fill	Protectio	on		
	3/31/15 3:1	Category:					
3	3/31/15 3:1		Sample				
	3/31/15 3:1	Number Currency	6/28/2023				
3	5/3/16 5:1	Accounting T	ype:				
6.1	4/13/15 2:1		3/14/2012				^
	10/31/17 12:4	Fraction	*Wednesday, March 14, 201 2012-03-14	2			
2.3	10/31/17 12:4	Scientific	3/14 3/14/12				
	10/31/17 12:4	Special	03/14/12				
6.1	8/15/16 4:1	Custom	14-Mar				*
	8/10/16 9:4		ocale (location):				_
	8/10/16 9:4		English (United States)				$\sim$
	8/10/16 9:4						
	4/20/17 2:0						
	6/27/15 3:2	~					
	4/11/14 9:3		and time serial numbers as				
		an acterick (*) recoond to c	hanges in regional date an				
	4/11/14 9:3						
	4/11/14 9:3	operating system. Formats	without an asterisk are not	affected by	y operating s	ystem settin	92.
3	4/11/14 9:3 4/11/14 9:3		without an asterisk are not	affected by	y operating s	ystem settin	97.
6.1 3 8	4/11/14 9:3		without an asterisk are not	affected by	operating s		ancel

#### **Tricks & Tips** Filter Date

		CZ	2	DA		DB	
		25	2	20.0010		20.0005	
Ŧ	DOTHazard	Class	ificationID 💌	SubmittedDateTime	•	SubmittalAction 💌	A
	8	₽↓	Sort Oldest to N	ewest		n	1_
_	3	Z↓	Sort Newest to (	Oldest		np when the facility	
	2.2		Sort by Color			tor provided a	
١d	8	_			·	ment to the regulator. s with portals, this	
	3	×	<u>C</u> lear Filter From	"SubmittedDateTime"		timestamp when a	
	3	]	Filter by Color		÷	r/operator submits an	
	3		Date <u>F</u> ilters			egulator review tion="Received").	
	4.1	]	C 1 (AID		_	inon- necence ,	
	3		Search (All)		$\sim$	Not Applicable	
	2.1	]	Select All	)		Not Applicable	
	8					Accepted	
	3	]				Accepted	
			<b>⊡</b> . 🗹 2022			Accepted	
	3	]	in <b>2</b> 021			Not Applicable	
	3					Not Applicable	
		]	±			Not Applicable	
			± <b>∠</b> 2017			Not Applicable	
	3	]	i			Not Accepted	
	8					Not Accepted	
	3	]	± 2013			Not Accepted	
	3		🖳 🗹 (Blanks)			Not Accepted	
	8	1				Not Accepted	
	3					Not Accepted	
2,	3					Not Accepted	
	3		_			Not Accepted	
1	3	1		OK Cancel		Not Accepted	



### **Tricks and Tips**

DC45	i120 🔻 : 🗙 🗸	f <sub>x</sub>	9/8/2014 8:47:	38 AI	м					
	CZ		DA		[	OB	[	DC		DD
1										
2	252		20.0010		20.	0005	20.	0006		
3	DOTHazardClassification	ID 💌	SubmittedDateTime	<u>+</u>	Submitta	Action 💌	Accepted	Date	-	
45103	4.1		2/28/2	013	Not Acce	pted		1/24/	/2015	
45104			2/28/2	2013	Not Acce	pted		1/24/	/2015	
45105	8 A timestamp indicating				Not Acce			1/24/		
45106	when a regulator took an			_	Not Acce			1/24/		
45107			2/28/2	013	Not Acce	pted		1/24/	2015	
45108	sets/changes the SubmittalAction field.				Not Acce			1/24/		
45109				_	Not Acce			1/24/		
45110	-		2/28/2		1/24/					
45111	-		2/28/2		10/24/					
45112	3			_	Not Appl			10/24/		
45113			2/28/2		10/24/					
45114				_	Not Appl			10/24/		
45115	-				Not Appl			10/29/		
45116	-		2/27/2	/2014						
45117					Not Appl			10/29/		
45118	-				Not Appl			10/29/	2014	
45119	Sort		2/27/2	013	Not Appl	iaahla	1	10/20J	X	
45120	SOIT								^	
45121 45122	Add Level	e Level	Copy Level		<u>O</u> ption	ns 🗸	My data I	has <u>h</u> ea	ders	
45123	Column		Sort On			Order				
45124	Sort by SubmittedDateT	ime 🗸	Cell Values		$\sim$	Newest to C	Oldest		$\sim$	
45125	Then by CERSID	~	Cell Values		$\sim$	Smallest to	Largest		$\sim$	
45126										
45127										
45128										
45129										
45130										
45131						0	К	Cance		
45132							·····	curret		

# Highlight the old data in grey

#### Sort grey to the bottom

#### Cross check

### **Tricks & Tips** Make it easy

4	AZ			BA	BB			BC	2		
	216cc			217		218*		21	-		
	FHCHealthHaza	ardN 🔻	AverageD	ailyAmount 💌		DailyAmou		alWaste	Amou	nt 💌	State
_				5316			5316				
				1300			1500				
9				25090		10	05000				
-	N			150			330				
-	N			2000			3480				
	N	mat Cells		20.4			20.4	?	×	0	
-	IN	nac cens						•	~		
-	N Nu	mber .	Alignment	Font Borde	r Fill	Protection					
-	N Cat	tegory:									
-	IN C	eneral	A	Sample							
-	N N	umber									
-		urrency ccounting		Decimal places:	0						
-	N Da	ate	-								
-	Pe	me ercentage		🗹 <u>U</u> se 1000 Sep							221
-	N Fr	action		Negative numbe	rs:				_	400	223
-	Te Te	ientific ext		-1,234 1,234					^		
-		pecial		(1,234)							
-	IN	ustom		(1,234)						0	
-	N										
-	N										
7	N										
3	N		~						~		
Ð	N										
p			used for gen for monetary	eral display of nur	nbers. Currer	ncy and Accou	nting offer sp	pecialized			
1	Y	matung	ror monetary	varde.							
2	N										
3	N										135
							OK	Car	ncel		
										660	352
	111		_	20			800			4800	352

ORUM

	AZ	BA	BB	BC	В
1					
2	216cc	217	218*	219	22
3	FHCHealthHazardN 💌	AverageDailyAmount 💌	MaximumDailyAmount 💌	Annual Waste Amount 💌	StateWast
4		5,316	5,316		
5		1,300	1,500		
3599	Y	25,090	105,000		
600	N	150	330		
601	N	2,000	3,480		
602	N	38	38	0	
603	N	250	500		
604	N	1,200	3,000		
605	N	1,000	3,000		
606	N	1,300	4,000		
607	N	165	330		
608	N		0		
609	N		0		
610	N	55	110	0	221
611	N	55	55	400	223
612	N	10,000	40,000		
613	N	1,750	3,500		
614	N	2,005	2,005	0	
615	N	670	670		
616	N	1,216	1,216		
617	N	291	291		
618	N	55	110		
619	N	1,000	2,400		
1620	N	250	500		

### **Hit the Griddy**

107 columns X how many rows

LA City CUPA– Orange County CUPA– Stanislaus CUPA– Downey Fire–

235,000 rows 45,117 rows 23,063 rows 2,015 rows

### **100k and greater-- Deus ex machina**

CALIFORNIA

A1000	07 🝷 :	$\times \checkmark f_x$	10248688							
	А	В	с	D	E	F	G	Н	I.	L
99993	10248688	Molecular Sciences		4228300	2241LB	Tetrabutylammoni	um bisulfate	Tetrabutyl Ammor	N	32503-27-8
99994	10248688	Molecular Sciences		4228300	2211LB	Copper (II) Nitrate	Hydrate	Copper Nitrate	N	3251-23-8
99995	10248688	Molecular Sciences		4228300	1220A	imidazole acetic ac	id hydrochlorid	imidazole acetic ac	N	3251-69-2
99996	10248688	Molecular Sciences		4228300	3224A	Paraformaldehyde		Paraformaldehyde	N	32525-89-4
99997	10248688	Molecular Sciences		4228300	3224A	Trifluoro-1-phenyl	-1,3-butanedior	1,3-Butanedione, 4	N	326-06-7
99998	10248688	Molecular Sciences		4228300	4230	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
99999	10248688	Molecular Sciences		4228300	5230LB	boc-L-serine		boc-L-serine	N	3262-72-4
100000	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
100001	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
100002	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
100003	10248688	Molecular Sciences		4228300	5229	di-p-toluoyl-d-tart	aric acid	Butanedioic acid, 2	N	32634-68-7
100004	10248688	Molecular Sciences		4228300	4235LB	1-acetylpyrene		1-acetylpyrene	N	3264-21-9
100005	10140600	Molecular Sciences		400000	5001	triathulayanium h	avachloroantim	Ovenium triathul	NI	2264 67 2

### 100k and greater- Easy as 1, 2

▼ : × √ fx

A100000

CALIFORNIA

	CERSID 🚽	ChemicalLocation 👻	CLConfidential 🚽	MapNumber 👻	GridNumber 👻	ChemicalName 👻	TradeSecret 👻	CommonName	EHS 👻	CASNumber 👻
99998	10248688	Molecular Sciences		4228300	4230	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
99999	10248688	Molecular Sciences		4228300	5230LB	boc-L-serine		boc-L-serine	N	3262-72-4
100000										
100001	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
100002	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
100003	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4

A1000		$\times \checkmark f_x$	10248688							
	CERSID 👻	ChemicalLocation 👻	CLConfidential 👻	MapNumber 👻	GridNumber 👻	ChemicalName 👻	TradeSecret 👻	CommonName 👻	EHS 👻	CASNumber 👻
99998	10248688	Molecular Sciences		4228300	4230	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
99999	10248688	Molecular Sciences		4228300	5230LB	boc-L-serine		boc-L-serine	N	3262-72-4
100000	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
100001	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
100002										
100003	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
100004	10248688	Molecular Sciences		4228300	5229	di-p-toluoyl-d-tart	aric acid	Butanedioic acid, 2	N	32634-68-7

### **100k and greater-- Deus ex machina 3**

A1000		$\times \checkmark f_x$	10248688							
	CERSID 👻	ChemicalLocation 🖃	CLConfidential 🖃	MapNumber 👻	GridNumber 🖵	ChemicalName 🖃	TradeSecret 👻	CommonName 🖃	EHS 👻	CASNumber 🚽
99993	10248688	Molecular Sciences		4228300	2241LB	Tetrabutylammoni	um bisulfate	Tetrabutyl Ammon	N	32503-27-8
99994	10248688	Molecular Sciences		4228300	2211LB	Copper (II) Nitrate	Hydrate	Copper Nitrate	N	3251-23-8
99995	10248688	Molecular Sciences		4228300	1220A	imidazole acetic ac	id hydrochlorid	imidazole acetic ac	N	3251-69-2
99996	10248688	Molecular Sciences		4228300	3224A	Paraformaldehyde		Paraformaldehyde	N	32525-89-4
99997	10248688	Molecular Sciences		4228300	3224A	Trifluoro-1-phenyl-	-1,3-butanedior	1,3-Butanedione, 4	N	326-06-7
99998	10248688	Molecular Sciences		4228300	4230	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
99999	10248688	Molecular Sciences		4228300	5230LB	boc-L-serine		boc-L-serine	N	3262-72-4
100000	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
100001	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
100002	10248688	Molecular Sciences		4228300	5229A	Boc-Ser-OH		Boc-Ser-OH	N	3262-72-4
100003	10248688	Molecular Sciences		4228300	5229	di-p-toluoyl-d-tart	aric acid	Butanedioic acid, 2	N	32634-68-7

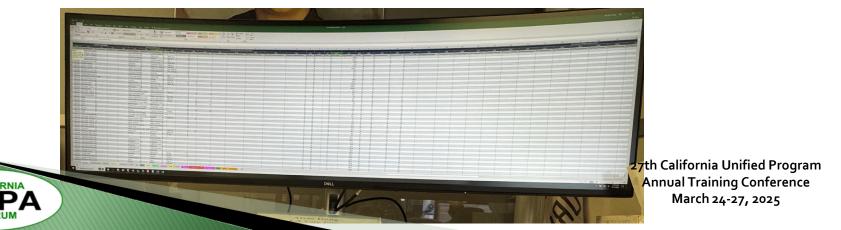


### Limitations

Corrollary 2: Weren't Assumption 1 & Corollary 1 mutually exclusive? ...got to know your limitations...

#### How Many Columns are there?

The number of columns visible to the user is limited by your monitor Hidden Columns vs Minimizing Columns





### **Hide vs Minimize**

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	А	В	L		V	~ .			F	
1		Lo	cation Information	1 I	፠	Cut			「	
2	1a*	201	202	1	Ē	<u>С</u> ору			205	
3	CERSID 🔻	ChemicalLocation 💌	CLConfidential 💌	MapN	ĥ	Paste	e Options:	Ŧ	ChemicalName 耳	Trade
506	10459963	Ice Cream Plant Amn				Ê.			Anhydrous Ammor	N
557	10662016	Secure fenced enclos	ure Building or outsid						Nitric acid, ammon	N
777	10567186	Building 4 - Chemical	Ste handled. A chem			Paste	Special	-	Ammonium Bifluo	ride
778	10567186	Building 4 - Chemical				<u>I</u> nsert	:		Ammonium Fluobo	orate
800	10567180	Between Building 3 &	4 temperature, in n locations within a			<u>D</u> elet	e		Ammonium Hydro	xide
801	10567180	Between Building 3 &	4 be reported on a			Clear	Contents		Ammonium Nitrate	e
1384	10540099	Chemical Storage Are		2.					Ammonium Hydro:	N
1488	10517551	North West of Main C	hemical Storage		e- 0-	<u>F</u> orm	at Cells		Hydrated ammoniu	um cale
1496	10517551	North West of Main C	hemical Storage			Colu	mn <u>W</u> idth		Monoammonium P	hosph
1509	10517551	Pumps and Injection	of Fertilizers Area			<u>H</u> ide			Urea Ammonium N	litrate
2024	10546285	17420 Derian Ave		3		Unhi	de		Ammonium Hydro	xide
2585	10569013	Stored in Warehouse			_			AMMONIUM PHOS	PHATE	
2621	10153075	Plating area	ing area N				Ammoni			
2622	10153075	Plating area	N						Waste Ammonia Ff	N



#### **Hide vs Minimize** I prefer minimizing

	Α	EC	E F	(Н	1	J	HILL	I S	τv	w p	Yann.		uuu.		/ BA	BB	BC	BD	BE	BF		EEEEEEE	IIII BZ	CA	CB	CC	CD
1	cation Info	mat	i Ch	emical Identificatio	on		rd Cl	a				Categ									ontai						
2	1a*		205	207*	208	209	aa	211	1 214	* 215 .	((()	41.16((		<b></b> 6	217	218*	219	220	221*	222		<b>, , , , , , , , , , , , , , , , , , , </b>	224	225	226	227	228
3	CERSID	<b>-</b> (	ChemicalName 🔳	CommonName	EH: 👻	CASNum 💌		HIV -	Phy	- LargestCo			mm		AverageD 🔽	Maximum 💌	An 🔻	Sta 🔻	Un 🔻	Day 👻			Sto	Sto 🗸	HC 🔻	HC1Name	HC1EHS
1384	10540099		Ammonium Hydro:	Ammonia	N			b	۲b	1	'N				6	12			а	365			۱a	а	30	Ammonium H	N
1488	10517551	. N	Hydrated ammoniu	Calcinit	N	15245-12-2		а	۱b	50					250	1200			с	364			۱a	а			N
1496	10517551	. N	Monoammonium P	Monoammonium (	N			а	۱a	50	'N				250	650			с	260			۱a	а			N
1509	10517551	. PI	Urea Ammonium N	32% UAN	N			b	۱b	2500	'N				750	1750			а	364	•		۱a	а	47.6	monium Nitr	N
2024	10546285	1	Ammonium Hydrox	Agua Ammonia	Y	7664-41-7		b	۱b	410.3	١Y				223.8	820.6			а	365			۱a	а	30	Amonia	Υ
2585	10569013	St	AMMONIUM PHOS	Foray	N			b	۱a	50	Υ				600	600			с	365	•		۱a	а	2.5	Calcium Carb	N
2621	10153075	i N	Ammonia Etcher	Alkaline Etcher	N			b	۱b	1000	'N				600	1000			а	365	•		۱a	а	24	Ammonia	N
2622	10153075	i N	Waste Ammonia Et	Waste Alkaline Etc	N			с	۱b	700	'N				500	700	5000		а	365			۱a	а	24	Ammonia	N
2966	10542553	( N	Anhydrous Ammon	Ammonia	Y	7664-41-7		а	۱c	4500			1	• •	7400	7400	0	141	с	365	1		۱b	а			

Data accessibility Visibility



### Simple right—so many lies

	Α	ECEE	F (	H	- I -	J	KLI	<b>N</b> CF	CF	S	τι	V	W	XY	ZAJ	44,
1	ation Infor	mati	Ch	emical Identificatio	on		ar	d Cl	as					el	Ha	za
2	1a*	0000	205	207*	208	209	140	(¢¢	LL	211	11	214*	215	140	l(¢	4
3	CERSIE 🗐	йц	ChemicalName	CommonName	EH: 🖅	▼ <mark>SNumt</mark> ▼	77	111	46	HIV 👻	"	Phy 💌	Largest( 💌	77	П	77
106	10517131	٤N	Lubricating oils, use	Used lubricating oi	Y	70514-12-4				а	N	b	55	11	11	11
233	10892854	261	12V Lead-Acid Batt	12V Lead-Acid Batt	Y	N/A				b	N	b	100		Π	I
956	10546339	IN	Aqua Ammonia	Aqueous Ammonia	Y					b	N	b	298	11	11	11
1128	10516303	Roc	Sulfuric Acid	Lead Acid Batterie	Y	7664-93-9		E	xt	remely	Ha	azardou	is Substance			1
1210	10513885	LIIV	Sulfuric Acid	Sulfuric Acid	Y	7664-93-9							s material is			1
1823	10153003	Loc	Copper Cyanide	Copper Cyanide	Y	544-92-3							s Substance ( Part 355,	EH	IS),	1
1824	10153003	Rea	Potassium Cyanide	Potassium Cyanide	Y	151-50-8				pendix /		40 CFK	Pair 555,			1
1025	10152002	1.00	Dotoccium Ovonido	Dotoccium Quanida	v	151 50 0		Π								,

		Α	ECEE	F		C	Н	1	J	κL	11	CFCI	S	τι	V
	1	ation Info	rmati		C	Che	emical Identificatio	on		ar	d	Clas		$\prod$	
	2	CAS Numb	er			O	207*	208	209	140	1((	ale	211	11	214*
	3	Chemical A			ame 💌	Ē.	CommonName 💌	EH: 🖅	CASNumt 💌	77	71	777	HN -	77	Phy 🔹
	106	(CAS) num hazardous			; oils, us	seا	Used lubricating oi	Y	70514-12-4			Ш	а	Ν	b
	233	mixtures, e			cid Bat	t I :	12V Lead-Acid Batt	Y	N/A				b	Ν	b
	956	the mixtur			onia	1	Aqueous Ammonia	Y					b	Ν	b
	1128	assigned a from its co			id	1	Lead Acid Batterie	Y	7664-93-9				b	Ν	b
				ununc Ad	id	1	Sulfuric Acid	Y	7664-93-9				а	Ν	b
				onner Cy	anide	(	Copper Cyanide	Y	544-92-3				а	Ν	а
1		CALIFORM			t d		Potassium Cyanide	Y	151-50-8	Τ			а	N	a
		FORU	Å				Cuanida	v	151 50 9	П	Π	Ш	2	N	2

#### EHS Column I

#### Field Help



Data Registry Field Number: 208

Check "Yes" if the hazardous material is an Extremely Hazardous Substance (EHS), as defined in 40 CFR, Part 355, Appendix A. If the material is a mixture containing an EHS, leave this section blank and complete the section in the Mixture Components table below.

Close

×

# Simple right—so many lies

	Α	ECCE	F	¢	Н	1.1	J	HLI	I CF	¢F	S	π	v
1	cation Inform	nati	Ch	emical	Identificatio	n		irc	l Cl	a			
2	<b>1</b> a*	0000	205		207*	208	209	¢	a	<b>(</b> :	211	11	214*
3	CERSID 🔻	úų	ChemicalName 🔽	Comm	nonName 💌	EH 🖅	CASNumt 🔻	"	""	ΠÍ	II –	Ĩ.	Ph 🔻
106	10517131	:N	Lubricating oils, use	Used I	ubricating oi	Y	70514-12-4			a	J	-	•
233	10892854	261	12V Lead-Acid Batt	12V Le	ad-Acid Batt	Y	N/A			b	)	Ν	b
956	10546339	IN	Aqua Ammonia	Aque	us Ammonia			Щ		b	)	Ν	b
128	10516303	Ro	Sulfuric Acid	Lead	Hazardous Ma	aterial	<b>Type</b> naterial. If wast	_ [		b	)	Ν	b
210	10513885	411.	Sulfuric Acid	Sulfu	material, chec					a		Ν	b
823	10153003	100	Copper Cvanide	Coppe	mixture or wa	ste, co	mplete the			a	1	N	а

		emical Identificatio			-						
		chinear faction for	n		ar	d	С	la	s	$\prod$	
	Hazardous Material Type	207*	208	209	1((	K	Û	l	211	11	214*
	Type of hazardous material. If waste material, check only that box. If	CommonName 💌	EH: -T	CASNumt 💌	"	4	ľ	"	ни -	ŀ	Phy 💌
6	1 mixture or waste, complete the	Used lubricating oi	Y	70514-12-4					а	ĪN	b
3	1 individual hazardous components	12V Lead-Acid Batt	Y	N/A					b	N	b
6	section below.	Aqueous Ammonia	Y						b	N	b
2	1 a = Pure	Lead Acid Batterie	Y	7664-93-9					b	N	b
(	1 b = Mixture	Sulfuric Acid	Y	7664-93-9					а	N	b
2	10133003 Loc copper cyanac	Copper Cyanide	Y	544-92-3				Π	а	N	а
2	1 a = Pure b = Mixture c = Waste	Lead Acid Batterie: Sulfuric Acid	Y Y	7664-93-9						b	b N a N

FORUM

#### HM Type Column S

#### Field Help



Hazardous Material Type Data Registry Field Number: 211

Select the type best describing the hazardous material: pure, mixture or waste. If waste material, select only that type. If mixture or waste, complete hazardous components section.

Close

X

#### 

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	A	ECLE	F		(	H		J		HUND	FCF	S	<u>I</u> V	W	X12/	,,,,,,,,	*****	*****	<i><b>FFFF</b></i>
1	cation Inform	nati		Ch	emical I	dentific	ation			ard (					Haz	ard C	ateg	ory In	ifori
2	<b>1</b> a*	0000	205		1	207*	208	20	9	aa	Ш	211	<b>214</b> *	215		(1((1)			ette
3	CERSID 🔻	uu Ch	emicalNa	me 💌	Commo	nName	EH 🔻	CASNu	mt 🝷	<b>I</b> CI		HI 👻	Ph 🔻	Larges					1111
4	10165315	II2Le	ad Acid Ba	atteries	Lead Ac	id Batte	erie: N	NA				b	Nb	2.	7 1111		((())		111
5	10564294	IN(Oi	ls, fuel: n	o. 2-d	Diesel F	Fuel Ger	nera N	68476-	34-6			a	Nb	40	0 1111	(11)()		11.11	ur
6	10564294	IN Se	dium Hyn	ochlori	Bloach		N	7681-5	2_9			h	Nh	50				1111	111
7	10858960	IN Ca	Sort												?	×			ш
8	10858960	IN Ni	* <u>A</u> ] <u>A</u> dd	level	× <u>D</u> elete	Level	E Copy	Level			Onti	ons	1 6	My dat	a has	heads			ш
9	10550749	SO Pe	<u>Z</u> ↓ <u>A</u> uu	Level		Level	CE Coby	Level			<u>-</u> pu	ons		iviy dat	a 11d5	neade	15	unu	111
10	10550749	SOL	Column				Sort On					Ord	ler					<u>uuru</u>	111
11	10550749	Sol 8	Sort by	CASNun	nber	$\sim$	Cell Valu	es			$\sim$	Ato	Σ			~	/	unu	111
12	10543048	250 lo	Then by	Units		$\sim$	Cell Valu	es			$\sim$	Zto	A			1	- 1	11.11.	111
13	10719661	NC u	Then by	Maximu	mDailyAm	oui 🗸	Cell Valu	es			$\sim$	Lar	gest to !	Smallest		1		11.111	ш
14	10719661	NC	Then by	Physical	State		Cell Valu	es			$\sim$	Ato	Σ			~	, I		ш
15	10719661	NCLU	Then by	НМТуре			Cell Valu					At				_		11.111	ш
16	10719661	IN ET	,	envirype	-	~	Cell valu	c)			$\sim$	AU	12					11.111	ш
17	10719661	NCET															1	11111	ш
18	10719661	NCSy											0	ОК	C	ancel	1	11.111	ш
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	10710661	NIC N	Diseased 4	ير و يو او فرا	0	- time C -	and at	00 00 1				<b>I</b> -	A la	~27		alifor			
															Ann	ual Tr Marc		ng Cor -27, 2	
	$\mathbf{A}$															ivial C	.11 24	~/, 2	025

• Only Required Fields need be completed

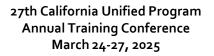
5 fields plus Container Information

- What the <u>\*B@L&A^N #K!</u>
- Everything Approved in CERS is correct
- Mixtures and Wastes described in Mixture Section

CAS Nos are correct

- CAS No format: xxxx-XX-x
- No spaces
- No leading 0's
- "Mixture"—

#### Organorhodium Complex (PMN-82-147)





Acids and bases are "Pure" substances

All aqueous acids are not pure HCl, HF, HNO<sub>3</sub> cannot exist



#### **Personal vexations and aversions**

- Volumes/mass less than 1
- Hazardous Component less than 1%\*
- Dates much, much less than 365 or
- Dates greater than 365

CALIFORNIA

F	(н	1	J F	LNNCFO	FS	ιv	w >	NZAAAAAAAAAAAAAAAAAAAAAAAA	44444	BA	BB	BC	BD	BE	BF E	EEEEEEEEEEEEEEEEE	BZ	CA	CB	CC	CD	CE	С
Cl	nemical Identificatio	n	а	rd Cla	15		•	Hazard Category Info	ormat							Container Inforr							
05	207*	208	209	aaa	211	1214*	215		11 66 6	217	218*	219	220	221*	222 2	) ? ) ? <b>?</b> ) ! ? <b>?</b> ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ?	224	225	226	227	228	229	23
lName 💌	CommonName	EF 🔻	CASNuml 🗐	(f)(f)	I <mark>HI</mark> ₊†	I(PI →î	Large 🔻 🛛		ШЩА	vera 🔻	Maxin 斗				Da 🔻		St 👻	St 🔻	H( .T	HC1Name 🔻	HC1EHS 🔻	HC1CAS 🔻	HC2PercentE
laim soluti	Hazardous waste -	N	151-50-8		c	Nb	5		urui -	2.5	6	10	131	а	365	IIII'IIIIIIIIIIIN	a	a	0.6	potassium cy	Y	151-50-8	
yl	PVC Resin	N	15571-58-1		b	Na	2200		uur	40000	80000			c	365	111111111111111111	a	a	0	Dioctyl	N	15535-79-2	
	Jet A	N	1863		b	Nb	12000		mu	5000	12000	0		a	365	`!!!!!!!!!!!!!!!!!!!!	a	a	0.5	NAPHTHALENE	N	91-20-3	
nalonil, liqu	Daconil Action	N	1897-45-6		b	Nb	2.5		1111	15	60			a	365	111111111111111111111	a	a	0.1	acidenzolar-S	N	135158-54	
OPOLYMER	CELCON	N	24969-26-4		b	Na	1500		urui -	250	1000	100	272	с	365	111111111111111111			0	FORMALDEHY	N	50-00-0	
RSE 550A	FLEXISPERSE 5501	N	25035-82-9		b	Nb	55		uuu	1000	1000			а	365	IIII'IIIIIIIIIIIN	a	a	0.3	ACRYLIC POLY	N	25035-82-9	
e PET-95A	Imuthane PET-95A	N	26471-62-5			Nb	5		uuu	50	75			а	365	111°11111111111111	a	a	0.1	m-Tolylidene	N	26471-62-5	;
e PET-93	Imuthane PET-93	N	26471-62-5		b	Nb	5		uuu	55	70			a	365	111°11111111111111	a	a	0	m-Tolylidene	N	26471-62-5	i
il D	MonoFoil D	N	27668-52-6		b	Nb	275		uuu	2961	3556			а	365	11111111111111111111111111111111111111	a	a	0.1	3 (trihydroxy	N	27665-52-6	
ehyde	Cymel 385	N	50-00-0		b	Nb	55			55	110			а	365	111°11111111111111	a	a	0.3	Formaldehyd	N	50-00-0	
ehyde	Cymel 385	N	50-00-0		b	Nb	55		uuu	55	110			a	365	111°11111111111111	a	a	0.3	Formaldehyd	N	50-00-0	
inephrine	Deoxyepinephrine	N	51-43-4		а	Nb	55		uur	55	165	850		а	365	IIII'IIIIIIIIIIIN	a	a	0	Epinephrine	N		
SINDER T-50	JANTEX BINDER T-5	N	55965-84-9		b	Nb	55		<b>HIIIN</b>		55			а		1111°1111111111111	a	a	0.1	Reaction mas	s of 5-chlor	55965-84-9	)
	Cyanide - Hazardo	Y	57-12-5		с	Na	55			55	110	500	181	с	365	************	a	a	0.2	Cyanide (Tota	Y	57-12-5	
ic acid, pol	Part B rasin Isocya	N	597955		b	Nb	55		uur	110	110			а	365	111°11111111111111	a	a	0.2	alcohols,c9-1	1 ethoxylat	ed	



#### AGENDA

Education RMP Background Classes – How to obtain Data Data Bases/CERS – Prepping the Data Tips & Tricks



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F



### Second Half

AGENDA

Work – Where the magic happens--eventually Classes – More Excel to do Data Bases/CERS – Prepping the Data Analysis



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F





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#### Where's Wally?



	А	В	С	D	E	F	G	Н		J	К	L	М	
1	EPCRA, CERCLA, CAA 1	12(r), and CW/	A 311 Consolidated L	list of List fo	or Specific (	Chemicals \	with CAS Num	bers						
2	THE FOLLOWING LIST S	HOULD BE US	ED FOR REFEREN	CE ONLY.	COMPLIAN	CE INFORM	MATION CAN E	BE FOUND	IN 40 CFR	PART 3	02 AND TABI	LE 302.4		
		CAS												
		Number/		~ • •		C14/4		FRODA						<u>_Wally%3</u> F
		313			CERCLA	CWA	EPCRA 302	EPCRA 304 EHS	EPCRA	DCDA	CAS Sort		5400 Am	
3	NAME	Category Codes 🔻	Comptox 🔻	112(r)(7) TQ -	HS R(	311(j)(5) HS T( -		RQ -	313 TF -			NAMEINDEX	5189 App	
<u> </u>				ių *	П <b>5</b> К( *	<b>N2</b> 10		RU		Coq				_
348	Chlorendic acid	115-28-6	DTXSID2020268						313		115286	CHLORENDIC ACID		
349	Chlorfenvinfos	470-90-6	DTXSID7034250				500	500			470906	CHLORFENVINFOS		
350	Chlorimuron-ethyl	90982-32-4	DTXSID0023955						313		90982324	CHLORIMURON ETHYL		
351	Chlorinated Benzenes	N.A.	DTXSID201034315		&						0	CHLORINATED BENZENI	ES	
352	Chlorinated Ethanes	N.A.	DTXSID3028479		&						0	CHLORINATED ETHANE	S	
353	Chlorinated Naphthalene	N.A.	DTXSID60103485		&						0	CHLORINATED NAPHTH	ALENE	
	Chlorinated Phenols	N084	DTXSID201336737		&				313		1	CHLORINATED PHENOL	S	
355	Chlorine <sup>(5)</sup>	7782-50-5	DTXSID1020273	2,500	10	10,000	100	10	313		7782505	CHLORINE	1500	
356	Chlorine dioxide	10049-04-4	DTXSID5023958	1,000					313		10049044	CHLORINEDIOXIDE	1000	
357	Chlorine monoxide	7791-21-1	DTXSID50893909	10,000							7791211	CHLORINEMONOXIDE		
358	Chlorine oxide	7791-21-1	DTXSID50893909	10,000							7791211	CHLORINEOXIDE		
359	Chlorine oxide (CIO2)	10049-04-4	DTXSID5023958	1,000					Х		10049044	CHLORINEOXIDE (CLO2)		
360	Chlorine Pentrafluoride	13637-63-3									13637633	Chlorine Pentrafluoride	1000	
				1			1	1	1	1	1	1		



Wally's Key



#### AGENDA

н	I.	J	к	L	М	Ν	
Beg	4	210	278	285			
End	209	277	284	347			
		Chemical Name	CAS Number/31	On Tables 1	CAA 112(r)(7) TC	Threshold quantity	(lbs)
	4	Ethylene Fluorohydrin	371-62-0	no		10	
	5	Fluoroacetyl Chloride	359-06-8	no		10	
	209	Valinomycin	2001-95-8	no		<u>1,000/10,000 3</u>	
	210	Nickel carbonyl	13463-39-3	yes	1000	1	
	211	Hydrogen selenide	7783-07-5	yes	500	10	
	277	Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	yes	20000	10,000	
	278	Chlorine dioxide [Chlorine oxide (ClO2)]	10049-04-4	no	1000		
	284	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-] 1	26471-62-5	no	10000		
	285	1,3-Butadiene	106-99-0		10000		
	286	1,3-Pentadinene	504-60-9		10000		
	287	1-Butene	106-98-9		10000		



is your frienc



AGENDA

B4	Ļ	• :	× v	$f_x$	=MATCH	(J4, DN:D	N,)	
	А	В	с	D	E	F	G	
1								Beg
2								End
3	Match	j cas	ce 1	ci 2	cm 3	cq 4	cu 5	
4	•	/#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
5								

C4	Ļ	<b>-</b>	× v	$f_{x}$	=MATCH	(CE4, DN:	DN,)	
4	А	В	С	D	E	F	G	
1								Beg
2								Enc
3	Match	j cas	ce 1	ci 2	cm 3	cq 4	cu 5	
4		#	#N/A	#N/A	#N/A	#N/A	#N/A	
<b>r</b>								





https://en.wikipedia.org/wiki/Where%27s\_Wally%3E



# **Magic Happens**

AGENDA



Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3E





f. Additional Mixture Components

#### Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

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	I J	FLFFC	FOF S	10 9	1	W >>>20000000000000000000000000000000000	44 BA	B	B BC	BD BI	BF	BZ Ci	A CB	cc	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	co	CP	CQ	CR	CS	CT	CU	CV	C1	/ (((	DA D	DB	DC DD	DE	DF	DG
tificati		ard 0		Ш		• Hazard Category Inform															н	lazardaar G	Impunent	Informatio																	
20	209	101101		11214*			§ 217	211		220 22					22\$	229		231	232	233	234	235	236	237	23\$	239	240	241	242	243	244	245	246	24		0010 20.	.0005 20	0.0006			
H El	· CASH.	- rrrrr	· · · · ·	PI -	Lar	res - ferterterterterterterterterterterterterte	Avers	- Hez	i A.	· St - Ui	- 'D	SI - SI	- HI -	HC1Hat *	HC1E	HC1C -	HC2P+1 *	HC2Mai -	HC2EH! *	HC2CA:	HC3P+1	HC3Net *	НСЗЕН! -	HC3CA: *	HC4P+1	HC4Hai	HC4EH!	HC4CA: *	HC5P+1 *	HC5Hat	HC5EH!	HC5CA:	Chamic	Addie		mit - Sub	mit - Ac	copt - Date			
rior N	-		4	Nb		969 (1111111111111111111111111	11 2:	85	969	4		a a	10	Surfactan	N	N/A																			74	1942024 A		ACOCHACK	_		_
fatura N	-		a	NЬ		280 111111111111111111111111111111111111	11 4	00	600	0 a	365	a a	72.3	Sadium Ch	le N	7647-14-5	2.9	Patazium Cl	N	7447-40-7	2.4	4 Calcium Chli	N	10035-04-8		1 Magnerium	C N	7791-18-5	14.1	Dextrare	N	50-96-7	-	-	Addition	al Mixtu	ire Com	ponents			
ingicie N	-		4	Nb		2 1111111111111111111111111111111111111	11 !	55	75	a -	365	a a	49.4	Pharphara	u N	13492-26-	7																		ruunnon	ur mixeu	ine com	ponents			
ar N	-		Ь	Nc		211 11111111111111111111111111111111111	11 2	:11	422	b	365	b b	99.9	Carbon Dia	× N	124-38-9	98	Argon	N	7440-37-1															Use to re	port add	litional	hazardous	; -		
N	-		Ь	Nb		574 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	11 14	60	1460	a	365	a a	99.7	Severely H	y N	64742-53	0.3	Butylated Hy	N	128-37-0													-	•			and date	- /			
lix Tan N	-		Ь	Nb		500 11111111111111111111111111111111111	11 1	50	500	4	365	a a																							mixture	compon	ent data	a (as			
ilizer N	-		Ь	Nb		30 111111111111111111111111111111111111	11 1	00	175	a	365	a a																						Propri	necessar	v).					
N	-		b	Nb		0.16 [1][N		60	100	a	365	a a	40	1,2 Ethanod	li N	112-24-3	15	3,3-0xyBir(	N	4246-51-9	1	0 Furned Silice	N	67762-90-7												110					
Batte N	-		Ь	Nb		100000000000000000000000000000000000000	11 9	50	100	a	365	a a	5	Lithium He	x N	•	20	Ethylone Car	N	-		1 Palyvinylide	N	-		15 Cappor	N	-	50	Lithium Ca	⊾ N	-		Graph							
N	-		c	Nb		120 [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[	11 1	20	325	221 a	365	a a																													

CERS your friend!



# Make Magic Happen

#### Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

C	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN
5	20.0010	20.0005	20.0006											
4	Submittedl 💌	SubmittalA 🔻	Accepted D 🔻	2										
	7/1 Submit	tted On	24	ļ.										
Ш	2/ The tin	nestamp when th	ne facility 24	L .										
		operator provid		ļ.										
2	3/ 5-5 - 5-5	tal element to th julators with port	Ja Alaia 124	l I										
3	2/2 would	be the timestam	p when a 24	Ļ										
Ш	3/ facility	owner/operator	submits an )24	L I										
		nt for regulator re ittalAction="Rec		L .										
8	2/1	ittalAction= Nec	016	5										
8	3/1/2024	Accepted	3/5/2024	Ļ										
	3/1/2024	Accepted	3/5/2024	L										
П	a /ao /aoa /	A1 - 4 A	7/1/2024											

CERS vour frien



# **Making Magic**

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#### Where's Wally?



	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR
1																		
2	20.0010	20.0005	20.0006															
3	Submitted 💌	SubmittalA 🔻	Accepted D 🔻	Match 👻	jcas 👻	ce 1 💌	ci 2 💌	cm 3 💌	cq 4 💌	cu 5 💌	cu 6 💌	cu 7 🔻	Chen -	/313 Ca 👻	bles 1 -	<mark>4 112(r)</mark> -	old qu: 🚽	tity (lbs)
4	7/18/2024	Accepted	11/25/2024		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		4	Ethylene Fluorohy drin	371-62- 0	no		10	
5	The tin	t <b>ted On</b> nestamp when th ′operator provide										5	Fluoroa cetyl Chloride	0	no		10	
6	For reg	tal element to th julators with port be the timestam	als, this									6	Lewisite	541-25- 3	no		10	
7	facility elemer	owner/operator at for regulator re ittalAction="Rec	submits an view									7	<u>Mechlor</u> ethamin e 2	51-75-2	no		10	
8	2/20/2024	Accepted	3/14/2024									8	Methyl Vinyl Ketone	78-94-4	no		10	

is vour friend

### Second Half

AGENDA

Work – Where the magic happens--eventually

Classes – More Excel to do

Data Bases/CERS – Prepping the Data Analysis



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F



### **Magic Happens**

#### Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

M	АТСН		K .	✓ <i>f</i> <sub>×</sub> =N	MATCH(J4,DN:	DN,)														
	I.	J	кссс	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ
	on		•																	
2	208		1(555	20.0010	20.0005	20.0006														
3	EHS 🔻	CASNumb( -	r du r	SubmittedI 🔻	SubmittalA -	Accepted D 🔻	Match 🔻	jcas 🔻	ce 1 🔻	ci 2 🔻	cm 3 🔻	cq 4 🔻	cu 5 🔻	cu 6 🔻	cu 7 👻	Chen -	'313 Ca 🔻	bles 1 -	<mark>4 112(r)</mark> -	<mark>) d qu:</mark> - t
4	N	-		7/18/2024	Accepted		=MATCH( J4,DN: DN,)	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		4	Ethylene Fluorohy drin	371-62- 0	no		10
5	N	-	-	2/2/2024	Accepted	4/24/2024									5	Fluoroa cetyl Chloride	1 2	no		10
6	N	-		3/1/2024	Accepted	3/5/2024									6	Lewisite	541-25- 3	no		10
7	N	-	2	3/1/2024	Accepted	3/5/2024									7	Mechlor ethamin e 2	51-75-2	no		10



# Magic Happens—Flash Fill

Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

D	DA3 $\checkmark$ : $\times \checkmark f_x$ SubmittedDateTime																			
	1	J	ксс	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ
1 2	on 208	209	( 1(55	5 20.0010	20.0005	20.0006														
3	EHS 👻	CASNumb( 👻	671	<sup>r</sup> Submittedl –	SubmittalA 🔻	Accepted D 🔻	Match 👻	jcas 🔻	ce 1 🔻	ci 2 💌	cm 3 💌	cq 4 💌	cu 5 💌	cu 6 💌	cu 7 🔻	Chen -	'313 Ca 🔻	bles 1 -	<mark>4 112(r)</mark> -	<mark>əld qu:</mark> – ti
4	N	-		7/18/2024	Accepted	11/25/2024	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		4	Ethylene Fluorohy drin	371-62- 0	no		10
5	N	-	_	2/2/2024	Accepted	4/24/2024	#N/A	4							5	Fluoroa cetyl Chloride	359-06- 8	no		10
6	N	-		3/1/2024	Accepted	3/5/2024	#N/A								6	Lewisite	541-25- 3	no		10
																<u>Mechlor</u>				

CERS Wour friei



#### **Paste Values**

#### AGENDA

	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN
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)	20.0005	20.0006		в		- A - III	+ .0 .00 + €.0 .00						
1	SubmittalA 👻	Accepted D 👻	Match 👻		- <u></u>		ט.ו– 00. י_ כוווג	<b>uuu</b>	cu 5 💌	cu 6 💌	cu 7 👻	Chen -	er/313 Cate
024	Accepted	11/25/2024	#N/A	#N X	Cut			#N/A	#N/A		4	Ethylene	371-62-0
024	Accepted	4/24/2024	#N/A								5	Fluoroac	359-06-8
024	Accepted	3/5/2024	#N/A								6	Lewisite :	541-25-3
024	Accepted	3/5/2024	#N/A	l î	Paste Opt	ions:	0				7	Mechlore	51-75-2
024	Accepted	3/14/2024	#N/A		123	Ĵ <sub>x</sub> 💼	<b>%</b>				8	Methyl Vi	78-94-4
024	Accepted	3/5/2024	#N/A		Past Sno		•				9	Phorate 2	298-02-2
024	Accepted	3/5/2024	#N/A	J.	Smart Loop						10	Propargy	106-96-7
016	Accepted	7/26/2016	#N/A	1		cop					11	Sarin 2	107-44-8
024	Accepted	3/5/2024	#N/A	R	y <u>R</u> efresh						12	Tabun 2	77-81-6
024	Accepted	3/5/2024	#N/A		Insert		►				13	Benzotric	98-07-7
024	Not Accepted	7/1/2024	#N/A		<u>D</u> elete						14	Cyanuric	675-14-9
016	Accepted	12/13/2016	#N/A		Select						15	Isophoro	4098-71-9
024	Accepted	5/29/2024	#N/A		Clear Cont	ents					16	Lithium H	7580-67-8
024	Accepted	6/27/2024	#N/A	1							17	Mangane	12108-13-(
024	Accepted	10/14/2024	#N/A	(=		iysis					18	Methacry	920-46-7
024	Accepted	3/18/2024	#N/A		S <u>o</u> rt						19	Methacry	30674-80-7
024	Accepted	7/31/2024	#N/A		Filt <u>e</u> r		•				20	Methyl P	676-97-1
024	Accepted	1/22/2025	#N/A		Ta <u>b</u> le		►				21	Nitrogen	10102-44-(
025	Submitted		#N/A	t;	Insert Com	ment					22	Ozone	10028-15-(
024	Accepted	6/26/2024	#N/A		Format Ce	lle	[				23	Phosphor	50782-69-
020	Accepted	4/2/2020	#N/A	<u> </u>							24	Phosphor	7723-14-0
024	Accontod	1/2/2024	#NI/A	i	Pic <u>k</u> From	Drop-down L	ist				25	Dotocciur	151 50 0

#### Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F



#### Complete

#### Where's Wally?



#### https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

CU	CV	CW	ccc	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	D
														Beg	4	210	278	285			
245	246	247	555	20.0010	.00	.00								End	209	277	284	347			
HC5CAS	✓ ChemicalD( ✓	Additionall 🚽	115	Submitted 👻	-	-	matc 👻	j cas 👻	ce 1 🔻	ci 2 📼	cm 3 👻	cq 4 👻	cu 5 👻			Chemical	CAS Number/	On Tab	CAA 112(	Thresho	old c
				7/18/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		4	Ethylene Flu	371-62-0	no		10	
50-96-7	-	-	-	2/2/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		5	Fluoroacety	359-06-8	no		10	
				3/1/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		6	Lewisite 2	541-25-3	no		10	
			2	3/1/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		7	Mechloretha	51-75-2	no		10	
	-	-	- 3	2/20/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		8	Methyl Vinyl	78-94-4	no		10	
				3/1/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		9	Phorate 2	298-02-2	no		10	
		Proprietary		3/1/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		10	Propargyl B	106-96-7	no		10	
			8	2/12/2016	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		11	Sarin 2	107-44-8	no		10	
-		Graphite, Carb	or 8	3/1/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		12	Tabun 2	77-81-6	no		10	
				3/1/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		13	<b>Benzotrichlo</b>	98-07-7	no		100	
				3/29/2024	Nc	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		14	Cyanuric Flu	675-14-9	no		100	
				12/13/2016	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		15	Isophorone	4098-71-9	no		100	
				2/13/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		16	Lithium Hydr	7580-67-8	no		100	



#### **Compare Values**

#### Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

	BCCE	F (	н	1	J	CB	CC	CD	CE	CF	CG	CH	CI	000	DA	DE	B DC	DD	DE	DF	DG	DH	DI	DJ
1	ı Info	C	hemical Identificatio	n				Haza	ardous Com	ponen	t Information													
2	0000	205	207*	208	209	226	227	228	229	230	231	232	233	555	20.0010	.00	0.00							
3	ia	ChemicalName	CommonName	EH 🔻	CASNumt 🔻	HC 🔻	HC1Name 🔽	H( 🔻	HC1CAS 🔻	н( 🔻	HC2Name 🔻	H( 🔻	HC2CAS 🔽	44	Submitted		-	match 🔻	j CAS 🔻 c	e 1 💌	ci 2 💌	cm 3 💌	cq 4 💌	cu 5 💌
4177	(N I	Ammonium Hydro	Ammonium Hydro	N	1336-21-6	19	Ammonium	N	1336-21-6	81	Water	N	7732-18-5	1	2/15/202	24 Ac	c ##	#N/A	31	31	#N/A	#N/A	#N/A	#N/A
4178	I N	Ammonium Hydro	Ammonium Hydro	Ν 🔪	J36-21-6	19	Ammonium	N	1336-21-6	81	Water	N	7732-18-5	1	2/15/202	24 Ac	c ##	#N/A	31	31	#N/A	#N/A	#N/A	#N/A
4179	A N E	Ammonium Hydro	Ammonium Hydro	N	1336-21-6	19	Ammonium	N	1336-21-6	81	Water	N	7732-18-5	1	2/15/202	24 Ac	c ##	#N/A	31	31	#N/A	#N/A	#N/A	#N/A
4180	ΛY	AMMONIUM HYD	AMMONIUM HYD	N	1336-21-6	29	Ammonium	N	7664-41-7	71	Water	N	7732-18-5	1	2/29/202	24 Ac	c ##	#N/A	31	255	#N/A	#N/A	#N/A	#N/A
4181	(N (	Ammonium Hydro	Ammonium Hydro	N	1336-21-6	19	Ammonium I	Hydro	1336-21-6	81	Water		7732-18-5	1	2/15/202	24 Ac	c ##	#N/A	31	31	#N/A	#N/A	#N/A	#N/A
4182	IY)	A dallation and Million	I	•••	1336-21-6	19	Aqueous An	Y	7664-41-7					1	1/22/202	25 Ce	1 ##	#N/A	31	255	#N/A	#N/A	#N/A	#N/A
4183	At1	Additional Mixtur			1336-21-6	17	Ammonia	N	1336-21-6			N		1	2/20/202	24 Ac	c ##	#N/A	31	31	#N/A	#N/A	#N/A	#N/A
4184	Res	Use to report addi			1336-21-6	19	AMMONIUM	N	1336-21-6	81	WATER	N	7732-18-5	1	3/4/202	24 Ac	c ##	#N/A	31	31	#N/A	#N/A	#N/A	#N/A
4185	818	mixture compone	ent data (as		1336-21-6	30	Ammonia	N	7664-41-7						3/1/202	24 Ac	c ##	#N/A	31	255	#N/A	#N/A	#N/A	#N/A
4186		necessary).			1336-21-6	19	Ammonium	N	1336-21-6	81	Water		7732-18-5	1	6/19/202	24 Ac	c ##	#N/A	31	31	#N/A	#N/A	#N/A	#N/A
4187	Ins				1336-21-6	19	Ammonia	Y	7664-41-7	81	Water	N	7732-18-5		1/23/202	24 Ce	1 ##	#N/A	31	255	#N/A	#N/A	#N/A	#N/A
4188	<b>NN</b>				1336-21-6	19	Ammonia	Y	7664-41-7	81	Water	N	7732-18-5		1/23/202	24 Ce	: ##	#N/A	31	255	#N/A	#N/A	#N/A	#N/A
4189	Wil	Ammonium hydro	Ammonium hydro	N	1336-21-6	19	Ammonia	Y	7664-41-7	81	Water	N	7732-18-5		1/23/202	24 Ce	##	#N/A	31	255	#N/A	#N/A	#N/A	#N/A
4190	Wi	Ammonium hydro	Ammonium hydro	N	1336-21-6	19	Ammonia	Y	7664-41-7	81	Water	N	7732-18-5		1/23/202	24 Ce	: ##	#N/A	31	255	#N/A	#N/A	#N/A	#N/A
44.04		• • • • •	ا د د ما		4000 04 C		a						7700 40 5		A 100 100	u la				000				

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### **Compare Values**

#### AGENDA

DK	DL	DM	DN	DO	DP	DQ	D
Beg	4	210	278	285			
End	209	277	284	347			
<b>•</b>	-	Chemical Nan 👻	er/313 Cate 🔻	bles 1 🔻	AA 112(r)(ī 🔻	old qui 👻	ity (l
	4	Ethylene Fluorohyc	371-62-0	no		10	
	30	Aluminum Phosphi	20859-73-8	no		500	
	31	Ammonia 5	1336-21-6	no		500	
	32	Diepoxybutane 2	1464-53-5	no		500	
	254	Propyl chloroform	109-61-5	yes	15000	500	
	255	Ammonia (anh/>2	7664-41-7	yes	10000/20000	500	
	256	Hydrogen Chloride	7647-01-0	yes	5000/15000	500	
	257	Ethyleneoxide [O:	75-21-8	yes	10000	1,000	
	258	Trimethylchlorosil	75-77-4	yes	10000	1,000	
	259	1 1-Dimethylhydrs	57-14-7	VAC	15000	1 000	

#### Where's Wally?



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ł		~					
		Chemical Nan 👻	er/313 Cate 💌	bles া 💌	AA 112(r)(i 💌	old qua 🔻	ity (lbs)
	4	Ethylene Fluorohyc	371-62-0	no		10	
	30	Aluminum Phosphi	20859-73-8	no		500	
	31	Ammonia 5	1336-21-6	no		500	
1	32	Diepoxybutane 2	1464-53-5	no		500	
	254	Propyl chloroform	109-61-5	yes	15000	500	
	255	Ammonia (anh/>2	7664-41-7	yes	10000/20000	500	
	256	Hydrogen Chloride	7647-01-0	yes	5000/15000	500	
	257	Ethyleneoxide [O:	75-21-8	yes	10000	1,000	
1							

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### Second Half

AGENDA

Work – Where the magic happens--eventually Classes – More Excel to do

Data Bases/CERS — Prepping the Data Phase 1 — Filter & Color Phase 2 — Re-Sort alphabetic



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F



### Second Half

AGENDA

### Assumption

All Sleuthers have a basic knowledge of Excel

### Corollary 1

Most sleuthers are uncomfortable or becoming uncomfortable Corollary 3

He better pick up the pace I heard lunch is almost ready...



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https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

1	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ
											Beg	4	210	278	285		
2	20.0010	.00	.00								End	209	277	284	347		
1	Submitted[ 🚽	-	-	matc 👻	j cas 👻	ce 1 🖵	ci 2 🖵	cm 3 👻	cq 4 🖵	cu 5 🖵	¢		Chemical	CAS Number/	On Tab	CAA 112(	Threshold
1	7/18/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		4	Ethylene Flu	371-62-0	no		10
	2/2/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		5	Fluoroacetyl	359-06-8	no		10
	3/1/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		6	Lewisite 2	541-25-3	no		10
2	3/1/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		7	Mechloretha	51-75-2	no		10
	2/20/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		8	Methyl Vinyl	78-94-4	no		10
												-					



<u>is</u> your friend.

#### CCC CW DA DBDC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ 4 210 278 285 Beg 209 277 284 347 247 555 20.0010 .00.00 End /en.wikipedia.org/wiki/Where%27s Wally%3F litionall - CUC Submittedl - - - matc - j cas - ce 1 -Chemical CAS Number/ On Tab CAA 112( Threshold ci 2 🔻 cm 3 👻 cq 4 👻 cu 5 🔩 A Sort Smallest to Largest #N/A Ethylene Flu 371-62-0 10 #N/A #N/A #N/A #N/A 4 no Sort Largest to Smallest #N/A #N/A #N/A #N/A #N/A 5 Fluoroacetyl 359-06-8 no 10 #N/A #N/A #N/A 541-25-3 Sort by Color #N/A #N/A 6 Lewisite 2 no 10 h. #N/A #N/A 51-75-2 #N/A #N/A #N/A 7 10 😓 Clear Filter From "i cas" Mechlorethar no 78-94-4 #N/A #N/A #N/A #N/A 8 Methyl Vinyl #N/A no 10 Filter by Color #N/A 9 298-02-2 10 A Phorate 2 no Number Filters Equals... #N/A 10 Propargyl Bi 106-96-7 oprietary no 10 A Does Not Equal... Search Q #N/A 11 Sarin 2 107-44-8 no 10 (Select All) ~ Greater Than... #N/A 12 77-81-6 raphite, Carbo Tabun 2 no 10 21 Greater Than Or Equal To ... 25 13 98-07-7 #N/A 100 А Benzotrichlor no 26 Less Than... 675-14-9 #N/A 14 A Cyanuric Flu no 100 . 🖌 30 Less Than Or Egual To ... 4098-71-9 . 🖌 31 A #N/A 15 Isophorone I no 100 ✓ 51 Between ... #N/A 16 7580-67-8 100 A Lithium Hydri no . 🖌 64 Top 10... А #N/A 17 12108-13-3 no 100 80 Manganese. 133 #N/A 920-46-7 Above Average A 18 Methacryloyl no 100 Methacryloy 30674-80-7 no #N/A 19 Below Average А 100 OK Cancel 676-97-1 100 A #N/A 20 Methyl Phosp Custom Filter... no 21 Nitrogen Dic 10102-44-0 no #N/A 100

[3 12/21/2024 Ac # #N/A #N/A #N/A | #N/A | #N/A | #N/A

27th California Unified Program **Annual Training Conference** March 24-27, 2025

#### Where's Wally?





#### Where's Wally?



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															ccp5.//cm.w
DA	DBDC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ
									Beg	4	210	278	285		
20.0010	.00.00	0							End	209	277	284	347		
ubmitted[ 🚽	• •	matc 👻	j cas 👻	ce 1 👻	ci 2 👻	cm 3 👻	cq 4 👻	cu 5 🖵			Chemical	CAS Number/	On Tab	CAA 112(	Thresh
7/18/2024	Ac #	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		4	Ethylene Flu	371-62-0	no		10
2/2/2024	Ac #	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		5	Fluoroacetyl	359-06-8	no		10
3/1/2024	Ac #	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		6	Lewisite 2	541-25-3	no		10
ustom AutoFilt	er										? X	51-75-2	no		10
Show rows where:         78-94-4         no         10															
j cas												298-02-2	no		10
is greater th	ian or e	qual to 🔍	·								`	106-96-7	no		10
<u>And</u>	○ <u>o</u> r											107-44-8	no		10
is less than	or equa	al to 🗸 🗸									`	77-81-6	no		10
e?to represent	t any sir	ogle charact	ter									98-07-7	no		100
e * to represent		-										675-14-9	no		100
									1	OK	Cancel	4098-71-9	no		100
2/13/2024	<b>nu</b> 11		-			1111/1	-			10	Littiiuiii riyun	7580-67-8	no		100
									<u>is</u> y	our	friend!				27th Ca Annu

#### Where's Wally?



DA	DBDC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	۵
									Beg	4	210	278	285			
5 20.0010	.00.00								End	209	277	284	347			
Submitted		matc 👻	j cas 👻	ce 1 🖵	ci 2 👻	cm 3 👻	cq 4 👻	cu 5 👻			Chemical	CAS Number/	On Tab	CAA 112(	Thresh	old
7/18/202	4 Ac #	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		4	Ethylene Flu	371-62-0	no		10	
2/2/202	4 Ac #	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		5	Fluoroacety	359-06-8	no		10	
3/1/202	4 Ac #	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		6	Lewisite 2	541-25-3	no		10	
Custom AutoFi	lter										? ×	51-75-2	no		10	
Show rows whe	re:											78-94-4	no		10	
cu 5												298-02-2	no		10	
is greater	than or eq	ual to 🕓	4								`	106-96-7	no		10	
<u>     And     And     Constant     Const</u>	() <u>O</u> r											107-44-8	no		10	
is less tha	n or equal	to	209								`	77-81-6	no		10	
Use ? to represe	nt any sin	ole charad	ter									98-07-7	no		100	
Use * to represe		-										675-14-9	no		100	
									- 1	OK	Cancel	4098-71-9	no		100	
												7500 67 0	20		100	

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#### Where's Wally?



r CL	U	CV	CW	ccc	DA	DBDC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM
		[												Beg	4	210
24	5	246	247	555	20.0010	.00.00								End	209	277
HC5CAS	5 🖵	ChemicalDe 🗸	Additionall 🚽	<u>, 1</u> 1	Submitted[ 🚽	• •	matc 👻	j cas 👻	ce 1 🔽	ci 2 💌	cm 3 👻	cq 4 🖵	cu 5 🖵			Chemical
Mixture					3/5/2024	Ac #	#N/A	#N/A	#N/A	69	#N/A	#N/A	69	)		
MIXTUR	RE			3	11/8/2018	No #	#N/A	#N/A	#N/A	#N/A	69	#N/A	69	)		
mixture				3	1/8/2025	Ac #	#N/A	#N/A	#N/A	69	69	#N/A	69	)		
mixture				3	1/8/2025	Subm	#N/A	#N/A	#N/A	69	69	#N/A	69	)		
mixture				3	1/9/2025	Submi	#N/A	#N/A	#N/A	69	69	#N/A	69	)		
mixture				3	1/10/2025	Subm	#N/A	#N/A	#N/A	69	69	#N/A	69	)		
mixture	(			3	1/10/2025	Submi	#N/A	#N/A	#N/A	69	69	#N/A	69	)		
mixture				3	1/13/2025	Submi	#N/A	#N/A	#N/A	69	69	#N/A	69	)		
Mixture		1-7000 Gallon	Diesel Fuel US	т с з	1/6/2025	Ce #	#N/A	#N/A	#N/A	69	#N/A	#N/A	69	)		
mixture				3	2/23/2024	Ac #	#N/A	#N/A	#N/A	69	69	#N/A	69			
mixture				3	1/9/2025	Submi	#N/A	#N/A	#N/A	69	69	#N/A	69	)		
7664-93	3-9			18	12/27/2024	Ac #	#N/A	264	#N/A	264	#N/A	#N/A	51			
Mixture		Consumer Pac	kaged Goods /	Lev2	2/27/2015	No #	#N/A	699	#N/A	#N/A	#N/A	#N/A	69	)		
7664-93	3-9	Chemical stora	age for tank ma	ker 9	2/14/2024	Ac #	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	51			
10102-4	14-0				1/8/2024	Ce #	#N/A	#N/A	#N/A	#N/A	#N/A	224	21			



#### Where's Wally?



т	CU	CV	CW	CCC	DA	DBDC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	6275_Wally%3F
														Beg	4	210	)
44	245	246	247	555	20.0010	.00.00								End	209	277	
Ŧ	HC5CAS 🚽	ChemicalDe 🗸	Additionall 🚽	<u>, 1</u> 1	Submitted[ 🚽	<b>•</b>	matc 🚽	j cas 👻	ce 1 🔻	ci 2 🖵	cm 3 🖵	cq 4 👻	cu 5 🖵			Chemica	1
	Mixture				3/5/2024	Ac #	#N/A	#N/A	#N/A	699	#N/A	#N/A	699				
	MIXTURE			6	11/8/2018	No #	#N/A	#N/A	#N/A	#N/A	699	#N/A	699				
	mixture			6	1/8/2025	Ac #	#N/A	#N/A	#N/A	699	699	#N/A	699				
	mixture			1	1/8/2025	Subm	#N/A	#N/A	#N/A	699	699	#N/A	699				
	mixture			E	1/9/2025	Subm	#N/A	#N/A	#N/A	699	699	#N/A	699				
	mixture			E	1/10/2025	Subm	#N/A	#N/A	#N/A	699	699	#N/A	699				
	mixture			E	1/10/2025	Submi	#N/A	#N/A	#N/A	699	699	#N/A	699				_
	mixture			6	1/13/2025	Subm	#N/A	#N/A	#N/A	699	699	#N/A	699				-
	Mixture	1-7000 Gallon	Diesel Fuel US	гο	1/6/2025	Ce #	#N/A	#N/A	#N/A	699	#N/A	#N/A	699				
	mixture			E	2/23/2024	Ac #	#N/A	#N/A	#N/A	699	699	#N/A	699				
			1														

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CU	CV	CW	ccc	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM
														Beg	4	210
4 245	246	247	555	20.0010	.00	0.00	)							End	209	277
HC5CAS 🖵	ChemicalDe 👻	Additionall 👻	<u>, 1</u> 1	Submitted[ 🚽	-	-	matc 👻	j cas 👻	ce 1 🖵	ci 2 🖵	cm 3 👻	cq 4 🖵	cu 5 🖵			Chemica
7664-93-9			18	12/27/2024	Ac	#	#N/A	264	#N/A	264	#N/A	#N/A	51			
7664-93-9	Chemical store	age for tank ma	ket 9	2/14/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	51			
10102-44-0				1/8/2024	Ce	#	#N/A	#N/A	#N/A	#N/A	#N/A	224	21			
1314-62-1	Weight percen	t not provided (	on N	2/26/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	133			
7664-93-9			8	2/8/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	51			
123-31-9				1/22/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	161			
123-31-9				1/22/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	161			
108-95-2				2/27/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	177			
123-31-9				1/22/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	161			
7664-93-9				12/27/2024	Ac	#	#N/A	#N/A	#N/A	264	#N/A	#N/A	51			



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	CR	CS	СТ	CU	CV	CW	ccc	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	
																		B
	242	243	244	245	246	247	555	20.0010	.00	.00								E
- 1	H( -	HC5Name 👻	H( -	HC5CAS	ChemicalDe 👻	Additionall 👻	<u>, i</u> i	Submitted[ 🚽	-	-	matc 👻	j cas 👻	ce 1 🖵	ci 2 🖵	cm 3 🖵	cq 4 👻	cu 5 🖵	
	1	SULFURIC ACIE	Y	7664-93-9			18	12/27/2024	Ac	#	#N/A	264	#N/A	264	#N/A	#N/A	51	
	2	SULFURIC ACIE	2	7664-93-9	Chemical stora	age for tank ma	ker?	2/14/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	51	
		Nitrogen Oxide	N	10102-44-0				1/8/2024	Ce	#	#N/A	#N/A	#N/A	#N/A	#N/A	224	21	
		Divanadium Pe	N	1314-62-1	Weight percer	t not provided	on N	2/26/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	133	
	3.7	Sulfuric acid	Y	7664-93-9			1	2/8/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	51	
	1	Hydroquinone	Y	123-31-9				1/22/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	161	
	0.5	Hydroquinone	Y	123-31-9				1/22/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	161	
	4	Phenol		108-95-2				2/27/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	177	
	0.5	Hydroquinone	Y	123-31-9				1/22/2024	Ac	#	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	161	
	1	SULFURIC ACIE	Y	7664-93-9				12/27/2024	Ac	#	#N/A	#N/A	#N/A	264	#N/A	#N/A	51	



Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

#### Iteratively Filter between:

#### And

Highlight the appropriate CAS column & Filtered Column:

4	209
210	277
278	284
285	347



<u>is</u> your friend

#### Where's Wally?



AECCE	F O	н	I J	BB	CB CC	CD CE	:   C	F CG	CH	CI	CJ C	к с	L CM	CN CO	CP	CQ	CR	CS	СТ	CU	CV	CW	ccc	DA DEI	od po	DE	F DG	DH	DI	DJ	DK V%
1 n Info	Che	mical Identificatio	n							н	azardous	Compo		tion									ШГ							F	Beg
2 2000	205 0	207 20	8 209	218"	226 227	228 22	9 23	30 231	232	233	234 23	35 23	6 237	238 239	240	241	242	243 2	244	245	246	247	55	20.0010 00	00	1	1		1		End
3 SUUChe		CommonNa 🔻 El	T CASNu T	Maxin 🔻	THC1Nar T	Î → HC1C	- I -		Comp		umbor		HESEA	l → HC4Nar			íт н	C5Nar 🔻	T HC	C5CA: 🔻		Addition 🔻		Submiti 👻 🚽	n ma v	ic y ce	v ci v	сп т	ca -	cu v	_
355 IN ETH	ACURE 300	E300 N	106264-79	- 660	100 6-METHYL	- N 10626	4-79-3			bstract Se							,						1	4/16/2024 Ad							
		AMBUTY (FC COLN	106-27-4	1125		N		Chi		ated to ha		<sup>5)</sup> N			N				N					3/1/2024 Ce	# #N/A	#N/A #	/A #N//	4 #N/A	#N/A	#N/A	
357 Sho AMA	LIE Synthetio	Synthetic Transm N	10658, 1065		60 1-DECENE,	FN 68031	7-01			t in the mi		N			N				N					1/14/2021 No	# #N/A	#N/A #/	/A #N//	A #N/A	#N/A	#N/A	
		Dimethyl succina N	106-65-0	55				cor	nponeni	t in the mi	ixture.												2:	6/13/2024 Ac							
		1-Bromopropane N	106-94-5	55																			2:	4/10/2024 Ac							
360 LY n-Pr				220	n-Propyl Br			Stabili				N			N				N					10/7/2024 Ac							
361 O Halo			106-94-5		94 1-Bromopro	N 106-9	4-5					_												12/20/2024 Su							
362 If((Buta		Butane N	106-97-8	300																			11	12/3/2019 Ac			VA #N//				
363 (N Buta		Butane N	106-97-8	280																			11	11/9/2020 Ac			VA #N//				
364 FN Buta		Butane N	106-97-8	5939																				2/28/2024 Ac			RA #N//				
365 Outs Buta		Butane N	106-97-8	1350			_																	12/13/2024 Ac			RA #N//				
366 WAF Buta		Butane N	106-97-8	761																				2/20/2024 Ac			RA #N//				
367 Buta		Butane N	106-97-8	244			_																	8/10/2021 Ac			/A #N//				
368 Ware Buta		Butane N	106-97-8	0.32	100 Butane	106-9	7-8														5.1 oz butane	cans	24	4/23/2024 Ac				A #N/A			
369 N Buta		Butane N	106-97-8	13000			_																1919	1/24/2025 Su			i/a #N//				
370 Outs Prop 371 Exte C4H		LPG N	106-97-8	150 100		N	_		N			N			N				N					3/22/2021 Ac 12/30/2024 Cc			/A #N// /A #N//		#N/A		
371 Exte C4H 372 G 1 n-bu		Butane N	106-97-8	42		N	_	_	N			N			N				N					1/22/2024 Ce			/A #N//				
373 (N Buta		n-butane - liquific N Butane N	100-37-0	42		IN TOO O	-	_	N			N	_		N				N					10/31/2024 Ac					#N/A		
374 VN Buta		Simple Green® H N	106-37-0	12346.2	4 Butane	NI 100-3	7.0	1 Propage	NI 0		1 Educar	data di Mi	68439-46-3	1 Nonyl alco	L NI 2	00007 00 0	1 7.0	isodium Cit	NI 60	04.2	Constal	Demolologica		2/28/2024 Ac			03 #19//		#N/A		
375 N Buta		Simple Green® F N	100-37-0	12346.2	4 Butane	N 106-3	7-0	1 Propane	N 74	00.0			102-71-6	1 Ethoxylate				Propanol.						3/12/2024 Ac			003 03		#N/A		
376 N Buta		Simple Green® H N	106-97-9	8775	4 Butane	N 106-9	7_0	1 Propane	N 74	-90-0			68439-46-3					isodium Cit I						3/12/2024 Ac			00 00 00		#N/A		
377 N Buta		Simple Green® F N	106-97-8	8049.6	4 Butane	N 106-9	7-8	1 Propane	N 74	-98-6			102-71-6	1 Ethoxylate				Propanol.						2/28/2024 Ac			303 33		#N/A		
378 NN Buta		Foaming Crystal S N	106-97-8	3353.25	4 Butane	N 106-9	7-8	1 Propane	N 74	-98-6			68439-46-3					isodium Cit I						3/12/2024 Ac			303 33		#N/A		
379 N Buta		Foaming Crystal S N	106-37-8	2941.2	4 Butane	N 106-9	7-8	1 Propane	N 74	-98-6			68439-46-3					isodium Cit I						2/28/2024 Ac			303 33		#N/A		
380 VN Buta		Simple Green® A N	106-97-8	2515.5	4 Butane	N 106-9	7-8	1 Propane	N 74	-98-6			68439-46-3					isodium Cit I						3/12/2024 Ad			303 33		#N/A		
381 N Buta		Simple Green® B N	106-97-8	1848.6	4 Butane	N 106-9	7-8	1 Propane	N 74	-38-6			68-04-2	1 Ethoxylate										2/28/2024 Ac			303 33	2 #N/A			
382 N Buta		Simple Green® B N	106-97-8	1580.25	4 Butane	N 106-9	7-8	1 Propane	N 74	-98-6			68439-46-3					isodium Cit						3/12/2024 Ad			303 33	2 #N/A			
383 VN Buta		Simple Green® A N	106-97-8	288	4 Butane	N 106-9	7-8	1 Propane	N 74	-98-6			68439-46-3					isodium Cit						2/28/2024 Ad			303 33	2 #N/A			
384 / CAntif	ireeze - Zerex I	Antifreeze N	107.21-1		60 Ethylene Gl	N 107-2	1-1 4	10 Denatoniun	n Benz 37	34-33-6									1.1				1Th	8/13/2024 Ad			/A #N//	+ #N/A	#N/A	#N/A	
		Ethylenediamine N	107-15-3	55																			24	1/17/2025 Ce			/A #N//	4 #N/A	#N/A	#N/A	
386 (N Glyo	ine, N-(phos <mark>(</mark> I	Glyphosate N	1071-83-6	200																			7	4/6/2020 A	# #N/A	#N/A #/	/A #N//	A #N/A	#N/A	#N/A	

27th California Unified Program Annual Training Conference March 24-27, 2025



#### AGENDA

### Second Half

AGENDA

Work – Where the magic happens--eventually Classes – More Excel to do

Data Bases/CERS – Prepping the Data

Phase 2 – Re-Sort alphabetic



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F



### **How Magic Happens**

G	н	1	J	KLINNCPC	кз	IU V	VV	<b>XYZAAAA</b>	ададададада	ААААААААА	ВА	88	BC	вD	BE	BF
Ch	emical Identificati	on		zard Clas	s			Fire Ha	zard Category Ir	nformation						
0	207*	208	209	ITATATA	211	11 214*	215	reaeaae	aatalaaaaaa	11414446666	217	218*	219	220	221*	222
- 6	CommonName 🖵	EHS 👻	CASNum	<mark>וש בכדבבככ</mark>	<b>∙ <mark>HM</mark>⊺</b> ↓†	<b>F C</b> Phy ↓1	LargestC				verage 👻	Maximu 斗	Ann 👻	Stat 👻	<mark>Uni</mark> (↓	Day
it	eracetic acid ( pr	N			b	N b	5	5	11111111111111111	1111YYYY1Y	55	110			а	36
git I to	-0-0 Harrells Mi	N				N a	5	1111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1111144411	1000	4000			с	36
tify	Sisopropyl Alco	N r	67-63-0		C	Nb	5			NNNYYNNN	55	110	165	331	а	36
CEF	<sup>S.</sup> % Isopropyl Alco	N	Sort							? ×	200	400	50		а	36
1	87,89, and 91 Gaso	N	*AL 6 -1-11	Laval 🔍 Dala	te Level	ED Com	Laural La	▼ Optio		/ data has headers	1000	15000			а	36
5DI	Acetone	N	* <u>A</u> ↓ <u>A</u> dd	Level X Dele	te Level	Е <u>В</u> <u>С</u> ору	Level	<ul> <li>Optio</li> </ul>	ns 🗠 🕅	data has <u>n</u> eaders	1943	3886			а	36
P	Anti Freeze	N	Column			Sort On			Order		20	55			а	36
oil	AW 68 hydraulic o	N	Sort by	CommonName	$\sim$	Cell Value	es	$\sim$	A to Z	~	12600	14000		221	а	36
e l	Bus Wash Deterge	N	Then by	HMType	$\sim$	Cell Value	es	$\sim$	A to Z	$\sim$	110	220			а	36
lor	Catalyst	N	Then by	Units	$\sim$	Cell Value	es	$\sim$	Z to A	~	25	80	5		а	36
TIN	CHEMCRAFT COVA	N	Then by	PhysicalState	$\sim$	Cell Value	es	~	A to Z	~	12	55			а	36
W	CHEMCRAFT PLAST	N	Then by	MaximumDailyA	moul 🗸	Cell Value	es	~	Largest to Smalle	est 🗸	12	55			а	36
W (	CHEMCRAFT VARIO	N									12	55			а	36
1	Co2	N									25	47			а	36
ray	Contact Adhesive	N							ОК	Cancel	220	440			а	36



F	с н	1	J	KLN	NCP	CR	S	тυ	v	w	xyz	A4	AA	адд	АА,	ААА	۵дд	АА	АА	АА	адд	АА	АА	BA	BB	BC	BD	BE	BF
С	hemical Identificati	on		zaro	l Cla	ISS					F	ire	H	aza	rd (	Cat	ego	ory	Inf	iorr	nat	ion	1						
205	0 207*	208	209	Laao	laal	10.0	211	11	214*	215	Ida	161	<b>a</b> 1	(det	aaa	LLGL	aae	191	191	lat	aa	<b>L(</b> 6)	6.6	217	218*	219	220	221*	222
ChemicalName 🚽	CommonName	EHS 👻	CASNumb 👻	<b>E 5 T</b>	F F 4	٩٢	HMT 🗐	56	Phy ₊†	LargestC 🗸		1	1	"	66	••		"	"	"		66	66	Average 👻	Maximu 斗	Ann 👻	Stat 👻	Uni 🖵	Day
(WASTE) HYDRAULI	N (WASTE) HYDRAUL	N	70514-12-4				b	Ν	b	2000			r	111	1 1	r r		11	٩Y	ΥY	YY	ſΥΥ	٩٩	822	2055	0		а	3
(WASTE) OILY SOIL	N (WASTE) OILY SOIL	Ν	7732-18-5				b	Ν	b	273.97			٢	111	1 1	r r	N N N	11	٩Y	ΥY	YY۱	YY	٩٩	219.18	547.95	0		а	3
Aluminum Sulfate,	N*Alum Solution	N	10043-01-3				b	Ν	b	20000	111	N	n n	111	11	2	NYN	11	11	٩٩	r y r	11	1 1	100000	100000	0		а	3
Aluminum Sulfate,	*Alum Solution Wa	N	10043-01-3				с	Ν	b	55	2 7 7	N	n	111	1 1	r r	NYN	11	1 1	٩٩	n y r	n n	٩٩	15	55	0		а	3
Aqua Ammonia	N <sup>*</sup> Aqua Ammonia (1	N	1336-21-6				b	Ν	b	12000	111	N	n n	111	11	<b>n</b> n	NYN	11	٢٩	٢Y	n y r	٩Y	1 1	34000	46000	0		а	3
Aqua Ammonia	N <mark>*Aqua Ammonia (</mark> 1	N	✓ 36-21-6				с	Ν	b	55	111	N	n	111	11	<b>n</b> n	NYN	11	ŊΥ	٢Y	n y n	٩Y	1 1	15	55	0	122	а	3
Sodium Hydroxide	*Caustic Soda (20%	N	1310-73-2				b	Ν	b	5000	r r r	N	n	111	1 1	r r	NYN	1 1	ľΥ	٢Y	n y r	11	٩٩	10000	10000	0		а	3
Sodium Hydroxide	*Caustic Soda (25 t	N	1310-73-2				b	Ν	b	50000	111	N	n	111	11	<b>n</b> n	NYN	11	٢Y	٢Y	n y r	11	٩٩	80000	100000	0		а	3
Sodium Hydroxide	*Caustic Soda (25 t	N	1310-73-2				с	Ν	b	55	111	N		111	11	2	NYN	11	ΡY	٢Y	n y n	n n	1 1	15	55	0	122	а	
Chlorine	*Chlorine	Y	7782-50-5				а	Ν	b	38000	111	N	N N	YN	۲N	r r	NYN	n n	ΡY	ΡY	۲Y۱		٩٩	228000	228000	0		с	3
1 N N	N*Fluorosilicic Acid	N	16961-83-4				b	N	b	8000	r r r	۱ ٦		111	1 7	<b>n</b> n	NYN	11	1 1	٩Y	۲Y	17	٩ ٩	8000	16000			a	3



F	G H	1	J	KLNN	CPC	R S	ти v	W XYZAA	ададада	АААААААААААА	ААААА	BA	BB	BC	BD	BE	BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF
	Chemical Identificati	on		ızard	Clas	is		Fire I	lazard C	ategory Informa	tion						Storage Container Information*
205	0 207*	208	209	1444	aale	211	11 214*	215 114140		acceactera	11166.6	217	218*	219	220 2	221*	222 23 23 23 23 23 23 23 23 23 23 23 23
ChemicalName	CommonName	EHS -	CASNumb				Phy -1	Largest( - CCCCC			CCCCC AV	erage - I	Maximu 🕂	Anr 👻	Stat - U	nil 斗	Day
	Acetonitrile/Water		75-05-8			c	Nb					25	55	220	331 a		365 N N N Y N N N N N N N N N N N N N N N
Acetylene	acetyene	N	74-86-2			а	Nc	129 YMYNN				387	903		b		365 N N N N N N N N N N N N Y N N N N N N
Acetyl Propionyl	Acetyl Propionyl	N	600-14-6			а	N b	5	11111	******	11111	25	50		a		365 N N N N N Y N N N N N N N N N N N N N
EMULFLUID A	ACETYLATED SOY LE	N				а	Nb	55 11111	111111	1111111111111111	11111	715	715		a		365 N N N Y N N N N N N N N N N N N N N N
Acetylene	Acetylen Gas	N	74-86-2			а	Nc	400 11111	111111	11111111111111111	11111	1000	4000	0	b		365 N N N N N N N N N N N N N Y N N N N N
Acetylene	N Acetylene	N	74-86-2			а	Nc	50	11111	1111111111111111	11111	100	100		с		
Acetylene	Acetylene	N	74-86-2			а	Nc	0000	11111/	111111111111111	N1111		1		c		365 N N N N N N N N N N Y N N N N N N N N
ACETYLENE	ACETYLENE	N	74-86-2			а	Na	145 11111	111111	11/1111111111111	11111	290	290	0	b		
Acetylene	Acetylene	N	74-86-2			а	N b	100 11111	11111	111111111111111	11111	50	100		b		365 N N V V N N N N N Storage Cont = Underground Tank c N
Acetylene	Acetylene	N	74-86-2			а	Nc	327 1111	111111	1111111111111111	11111	24896	56501		b		365 N N N N N N N N N N N N N N N N N N N
Acetylene	Acetylene	N	74-86-2			а	Nc	391 11111	111111	<u>, , , , , , , , , , , , , , , , , , , </u>	11111	35000	50000		b		365 N N N N N N N N N N N N N N N N N N N
Acetylene	N Acetylene	N	74-86-2			а	Nc	330 11111	111111	1111111111111111	11111	12000	19500	0	b		365 N N N N N N N N N
ACETYLENE	ACETYLENE	N	74-86-2			а	Nc	300 11111	11111		11111	6000	15000	0	b		365 N N N N N N N N N
Acetylene	Acetylene	N	74-86-2			а	Nc	420 11111	111111	111111111111111	11111	6000	12500	0	b		365 N N N N N N N N N N N N N N N N N N N
Acetylene	Acetylene	N	74-86-2			а	Nc	420 11111	111111	1111111111111111	11111	4000	6400		b		365 N N N N N N N N N N N N N N N N N N N
Acetylene	Acetylene	N	74-86-2			а	Nc	11111 008	111111	11111111111111	11111	3900	5000	0	b		365 N N N N N N N N N N N N N N N N N N N
Acetylene	Acetylene	N	74-86-2			а	Nc	11111 008	1111//	11111111111111111	1/111	3000	4800		b		365 N N N N N N N N N N N N N Y N N N N N
acetylene	acetylene	N	74-86-2			а	N c	420 YNYYN				2560	4000		b		365 N N N N N N N N N N N N N N N N N N N
Acetylene	↑ Acetylene	N	74-86-2			а	Nc	365 11111	111111	111111111111111	11111	2518	4000		b		365 N N N N N N N N N N N N Y N N N N N B a
acetylene	acetylene	N	74-86-2			а	Nc	420 11111	11111	111111111111111	11111	2560	4000	0	b		365 N N N N N N N N N N N N N N N N N N N
ACETYLENE	ACETYLENE	N	74-86-2			а	t c	250 11111	11111/	111111111111111	11111	2000	4000	0	b		365 N N N N N N N N N N N N N N N N N N N
ACETYLENE	↑ ACETYLENE	N	74-86-2			а	Nc	35 11111	111111	11111111111111111	N 1111		3425		b		365 N N N N N N N N N N N N N N N N N N N
Acetylene	↑ Acetylene	N	74-86-2			а	Nc	145 MMMM	11111	111111111111111111111111111111111111111	11111	2175	3000	0	b		365 N N N N N N N N N N N N Y N N N N N N
Acetylene	Acetylene	N	74-86-2			а	N c	300 YYYYN				2698	2698		b		365 N N N N N N N N N N N N N N Y N N N N
Acetylene	Acetylene	Ν	74-86-2			а	Nc	145 MMMM	111111	1111111111111111	1/11	1305	2610	0	b		365 N N N N N N N N N N N N N Y N N N N N
Acetylene	↑ Acetylene	N	74-86-2			а	Nc	360 11111	11111	1111111111111111	11111	1250	2569		b		365 N N N N N N N N N N N N Y N N N N N N
Acetylene	Nacetylene	N	74-86-2			а	Nc	250 11111	11111		11111	500	2500		b		365 N N N N N N N N N N N N Y N N N N N N
Acetylene	Acetylene	N	74-86-2			а	N c	140	111111	1111111111111111	11111	1680	2380		b		365 N N N N N N N N N N N N N N Y N N N N
	N Acetylene	N				а	l c	11111 068	1111//	1111111111111111	11111	1560	2340	0	b		365 N N N N N N N N N N N N N N Y N N N N
Acetylene	N Acetylene	N	74-86-2			а	Nc	145 MMMM	11111	1111111111111111	11111	1300	2300		b		365 N N N N N N N N N N N N N Y N N N N N
Acetylene	N Acetylene	N	74-86-2			а	N c	420 1111	111111	11111111111111111	11111	1260	2270	0	b		365 N N N N N N N N N N N N N N N N N N N
Acetylene	Acetylene	N	74-86-2			а	Nc	320 11111	111144	111111111111111	11111	2206	2268		b		365 N N N N N N N N N N N N N N N N N N N
ACETVIENE	A CETVI ENE	21	74 95 3		ΠH	_	N c	971			NNNNN	1000	1160		h		

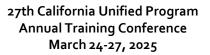


F	G H	1	J	KLNN	CPCR	S TU Y	/ W	XYZAA	АААААААААА	адааааааааааааа	BA	BB	BC	BD	BE	BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY B	Z C	A CB	CC	CD	CE CF
	Chemical Identifica	tion		zard	Class			Fire	Hazard Cate	gory Information						Storage Container Information*					
205	0 207*	208	209	LEALA		211 11 21	4* 215	114144	1110110 00		217	218*	219	220	221*	222 23 23 23 23 23 23 23 23 23 23 23 23	4 22	5 226	227	228	229 23
ChemicalName	CommonName	T EHS -	CASNumb			HM T Phy	Largest(				Average -	Maximu 斗	Anr 👻	Stat - U	nit 🕂		- Sto	- H -	HC1Name 🔻	н – н	C1CAS - H
Mixed Solvent Was	Acetonitrile/Wat	er N	75-05-8		TTT	c N b	55			****	25		220	331 a	_	365 N N N Y N N N N N N N N N N N N N N N	a	10	Acetonitrile	75	5-05-8
Acetylene	acetyene	N	74-86-2			a N c	129	A Y Y Y Y	1		387	903		b		365 N N N N N N N N N N N Y N N N N N b	а			N	
Acetyl Propionyl	Acetyl Propionyl	N	600-14-6			a N.b	5	5	11111111111111111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25	50		a		365 N N N N N Y N N N N N N N N N N N N N	a				
EMULFLUIL	ACETYLATED SOY	LE N				a Nb	55	5 66666	11111111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	715	715		a		365 N N N Y N N N N N N N N N N N N N N N	a			N	
Acetyler	Acetylen Gas	N	74-86-2			a N c	400	11111 C	<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1000	4000	0	b		365 N N N N N N N N N N N N N N N N N N N	a			N	
Acet _ne	NACetylene	N	74-86-2			a N c	50	D	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	100	100		c		N N N N N N N N N N N N N N N N N N N					
Ac_cylene	NACetylene	N	74-86-2			a N c		11111	<i></i>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	N	1		c		366 N N N N N N N N N N Y N N N N N N N N					
ACETYLENE	ACETYLENE	N	74-86-2			a Na	145	5 66666	1111111111111111111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	290	290	0	b		365 N N N N N N N N N N N N N N N N N N N	а				
Acetylene	Acetylene	N	74-86-2			a Nb	100	11111 C	111111111111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	50	100		b		365 N N V N N N N N N Storage Cont = Underground Tank	с			N	
Acetylene	Acetylene	N	74-86-2			a N c	327	7 1 1 1 1 7	<u> 1111111177777777777777777777777777777</u>	1 / 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24896	56501		b		365 N N N N N N N N N N N	а				
Acetylene	Acetylene	N	74-86-2			a N c	391	1 1 1 1 1 1 1	114111114	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	35000	50000		b		365 N N N N N N N N N N	а	99	Acetylene	N 74	4-86-2
Acetylene	Nacetylene	N	74-86-2			a N c	330	11111 C	111111111111111111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12000	19500	0	b		365 N N N N N N N N	а				
ACETYLENE	ACETYLENE	N	74-86-2			a N c	300	11111 C	111111111111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	6000	15000	0	b		365 N N N N N N N N N	а			N	
Acetylene	Nacetylene	N	74-86-2			a N.c	420	11111 C	111111111111111111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6000	12500	0	b		365 N N N N N N N N N N N N N N N N N N N	а			N	
Acetylene	NAcetylene	N	74-86-2			a N c	420	11111 C	<u>7788888888888888888888888888888888888</u>	1 / 1 / 1 1 1 1 1 1 / 1 1 / 1 1 1 / 1 1 1 1 1	4000	6400		b		365 N N N N N N N N N N N N N N N N N N N	а				
Acetylene	NACETYIENE	N	74-86-2			a N c	390	11111 C	111111111111111111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3900	5000	0	b		365 N N N N N N N N N N N N N N N N N N N	а				
Acetylene	Acetylene	N	74-86-2			a N.c	300	11111 C	111111111111111111	1 / 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3000	4800		b		365 N N N N N N N N N N N N N N N N N N N	а			N	
acetylene	acetylene	N	74-86-2			a N c	420	N YYYY C			2560	4000		b		365 N N N N N N N N N N N N N N N N N N N	а			N	
Acetylene	NAcetylene	N	74-86-2			a N c	365	5 66666	11111111111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2518	4000		b		365 N N N N N N N N N N N N N N N N N N N	а				
acetylene	acetylene	N	74-86-2			a N c	420	11111 C	<u>77000000000</u>	1 / 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2560	4000	0	b		365 N N N N N N N N N N N N N N N N N N N	а	100	acetylene	N 74	4-86-2
ACETYLENE	ACETYLENE	N	74-86-2			a ľ c	250	11111 C	<u>, , , , , , , , , , , , , , , , , , , </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2000	4000	0	b		365 N N N N N N N N N N N N N N N N N N N	а				
ACETYLENE	ACETYLENE	N	74-86-2			a N c	35	5 66666	1111111111111111111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N	3425		b		365 N N N N N N N N N N N N N N N N N N N	а				
Acetylene	Nacetylene	N	74-86-2			a N.c.	145	5 66666	11111111111111111	1,4,1,1,1,1,1,4,4,4,4,4,4,4,4,4,4,4,4,4	2175	3000	0	b		365 N N N N N N N N N N N N N N N N N N N	а				
Acetylene	Acetylene	N	74-86-2			a N	300	Ο ΥΥΥΥΝ			2698	2698		b		365 N N N N N N N N N N N N N N N N N N N	а				
Acetylene	Acetylene	N	74-86-2			a 💦	145	5 66666	111111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1305	2610	0	b		365 N N N N N N N N N N N N N N N N N N N	а				
Acetylene	NAcetylene	N	74-86-2			a N c	360	11111 C	111111111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1250	2569		b		365 N N N N N N N N N N N N N N N N N N N	а				
Acetylene	NACetylene	N	74-86-2			л N с	250	11111 C	111111111111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	500	2500		b		365 N N N N N N N N N N N N N N N N N N N	а				
Acetylene	Acetylene	N	74-86-2		1	a N c	140	D	111111111111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1680	2380		b		365 N N N N N N N N N N N N N N N N N N N	а				
	N Acetylene	N		111		a I c	390	11111 C	11111111111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1560	2340	0	b		365 N N N N N N N N N N N N N N N N N N N	а				
Acetylene	NAcetylene	N	74-86-2			a N c	145	5 1 1 1 1 1	<b>XXEE</b>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1300	2300		b		365 N N N N N N N N N N N N N N N N N N N	а			N	
Acetylene	NACetylene	N	74-86-2			a N c	420	11111 C	<b>XX00000000</b>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1260	2270	0	b		365 N N N N N N N N N N N N N N N N N N N	а	100	Acetylene	74	4-86-2
Acetylene	Acetylene	N	74-86-2			a N c				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2206	2268		b		365 N N N N N N N N N N N N N N N N N N N	а			N	
ACETVIENE	NACETVI ENE	1	74.96.3			n N c	971		JUNNNNNN		1000	2260		h		DEEN N N N N N N N N N N N N N N N N N N	_				



4 <u>200</u> r	201	200	200	1111	TT	111	9			<b>Ŧ</b> Ŧ	44	977	111	i a a i	1151	111	111	111	111	111	1111	1 '		2.10	1.10
ChemicalN: 🔻	CommonNa 🗐	Eł 🔻	CASNu 🔻	1 de	10	••	HI .	,î <mark>Û(PI</mark> ₊î	Large 🔻	П	11	11	76	íί	16	66	11	Й	11	ïï	Ш	Av	era 🔻	Maxin 🕂	Aı 🔻
Cadmium Cyanide	Cadmium Cyanid	N	542-83-6		Π		Ь	NЬ	501	11	11	11	11	11	111	111	11	44	144	11	111	1	501	501	
CAD Fluoborate	Cadmium fluobor	N			Π	Π	ь	NЬ	325	11	11	11	111	11	111	1 1 1	11	55	1 ^ 1	11	111	1	325	325	
Cadmium Metal	Cadmium Metal	N	7440-43-9		Π		а	Na	250	11	11	[]]	11	11	111	111	11	55	11	111	111	r	250	1660	
T CADMIUM METAL	CADMIUM METAL	N	7440-43-9		П		а	Na	500	11	11	Y			Т		П	П		Т	Ш		200	500	1
Cadmium oxide	Cadmium oxide	Y	1306-19-0		Π		а	Na	50	11	11	[]]	11	11	111	111	11	55	11	I NI	111	r	350	500	
Cadmium Oxide	Cadmium Oxide	Y	1306-19-0		Π	Π	а	Na	110	11	11	11	111	11	111	111	11	55	11	I١	111	1	220	440	
Cadmium oxide	Cadmium oxide	Y	1306-19-00		Π		а	Na	50	11	11	[]]	11	11	111	111	11	55	11	111	111	r	220	220	
CADMIUM OXIDE	CADMIUM OXIDE	N	1306-19-0			9	а	Na	100	11	11	Y			П			Π					50	100	
Cadmium Oxide	Cadmium Oxide	Y	1306-19-0		Y		1.	Na	50	11	11	11	11	11	111	111	11	11	111	111	111	r		75	
Cadmium Oxide	Cadmium Oxide	N	1306-19-0		Π		а	a a	20	11	11	11	111	11	111	111	11	۲N,	111	11	111	۱.	2	70	1
Cadmium Oxide	Cadmium Oxide	N	1306-19-0		Π		а	Na	50	11	11	111	11	11	111	111	11	15,	• • •	11	111		50	50	
Cadmium oxide	Cadmium oxide	Y	1306-19-00		Π		ь	NЬ	139	11	11	11	11	11	111	111	11	55	11	11	111	-	139	139	
Oxacadmium/Soc*	Cadmium Oxide/S	Y			Π		Ь	NЬ	86166	11	11	111	11	11	111	111	11	55	11	11	111	1	86166	86166	
Cadmium Oxide/S	Cadmium Oxide/S	N			Π		ь	NЬ	1250	11	11	11	11	11	111	111	11	55	11	IN I	111	1	1250	1250	
Cadmium Pellets	Cadmium Pellets	N	7440-43-9		Π		а	Na	35	11	11	111	11	11	111	111	11	١I	111	111	111	r I	100	200	
Cadmium Plating	Cadmium Plating	Y	143-33-9				ь	NЬ	1672	11	11	11	11	11	111	1 1 1	11	11	11	55	11	1	1672	1672	
I-L 17-22 I	Cadmium Plating	Y			Π		Ь	NЬ	3000	11	11	111	11	11	111	117	11	55	• • •	11	111	r I	6700	6700	
Cadmium Plating	Cadmium Plating	Y					ь	NЬ	2000	11	11	11	111	11	111	1 1 1	L,	IN.	155	١I	111	1	8000	8000	
Cadmium	Cadmium polishir	N	7440-43-9		Π		Ь	Na	319	11	11	111	11	11	111	111	11	11	122	١I	111	I I	2552	2552	
Cadmium	Cadmium remova	N	7440-43-9				ь	Na	319	11	11	11	111	11	111	1 1 1	11	44	• • •	55	111	1	319	1300	
Cadmium Solution	Cadmium solution	N			Π		Ь	Na	55	11	11	11	11	11	111	111	11	55	• • •	11	111	1	404	404	
CADMIUM DISTEA	CADMIUM STEAP	N	2223-93-0				а	Na	50	Π	Π	1	11	11	111	111	11	11	155	11	111	1	300	600	
Cadmium Strip	Cadmium Strip	N			Π		а	NЬ	658	11	11	[]]	11	I.	111	111	11	11	177	۱I)	111	1	658		
Took 47B	Codmium Strip	N					Ь	N B	85	11	t N	N											85	85	

-											
ł	ChemicalNa 🔻	ſ	CommonNa 🕂	Eł 🔻	CASNu 🔻	1	1	1	ł		HI .
	Cadmium Cyanide	I	Cadmium Cyanid	N	542-83-6		Τ	Π	Π	Π	Ь
	CAD Fluoborate	I	Cadmium fluobor	N							Ь
	Cadmium Metal	I	Cadmium Metal	N	7440-43-9		Τ	Π		Π	
Т	CADMIUM METAL		CADMIUM METAL	N	7440-43-9					r	a
	Cadmium oxide	I	Cadmium oxide	Y	1306-19-0				Ζ.	4	а
	Cadmium Oxide	I	Cadmium Oxide	Y	1306-19-0		7		_		а
I	Cadmium oxide	I	Cadmium oxide	Y	1306-19-00		1	ľ			а
	CADMIUM OXIDE	I	CADMIUM OXIDE	N	1306-19-0		Т				а
	Cadmium Oxide	I	Cadmium Oxide	Y	1306-19-0		Т	Π	Π	Π	а
	Cadmium Oxide	ſ	Cadmium Oxide	N	1306-19-0		T	Π	Π	Π	а
w	Cadmium Oxide		Cadmium Oxide	N	1306-19-0		T	Π	Π	Π	а
I	Cadmium oxide	I	Cadmium oxide	Y	1306-19-00		T	Π	Π	Π	Ь
	Oxacadmium/Soc	١	Cadmium Oxide/S	Y			T	Π	Π	Π	Ь
	Cadmium Oxide/S	١	Cadmium Oxide/S	N			Τ	Π	Π	Π	Ь
	Cadmium Pellets	ſ	Cadmium Pellets	N	7440-43-9		T	Π		Π	а
	Cadmium Plating	I	Cadmium Plating	Y	143-33-9		T	Π	Π	П	ь
ł	-L 17-22	I	Cadmium Plating	Y			t			Π	Ь
- 24	0 I. O. O	r.	0 I. O. O. I.								





FN	ACETYLENE	١	ACETYLENE	N	74-86-2
Sho	acetylene		acetylene	N	68477-24-7
1188	ACETYLENE		ACETYLENE	N	74-86-2
1188	ACETYLENE	Ī	ACETYLENE	N	74-86-2
Nort	Acetylene		Acetylene	N	74-86-2
L N	Acetylene	I	Acetylene	N	74-86-2
Outs	Acetylene		Acetylene	N	74-86-2
G6	ACETYLENE		ACETYLENE	N	74-86-2
	Acetylene	I	Acetylene	N	74-86-2
ьΓ	Acetylene		acetylene	N	74-86-2
Labo	Acetylene		Acetylene	N	74-86-2
	Acetylene		Acetylene	N	74-86-2
EN	ACETYLENE	I	ACETYLENE	N	
1.1	ACETYLENE	١	ACETYLENE	N	74-86-2
EN	Acetylene	I	Acetylene	N	74-86-2
	ACETYLENE	I	ACETYLENE	N	74-86-2
EN	Acetylene	I	Acetylene	N	74-86-2
ΕN	Acetylene	I	Acetylene	N	74-86-2
٩N	Acetylene	I	Acetylene	N	74-86-2
ΕN	UN 1001	I	Acetylene	N	
(N	Acetylene	I	Acetylene	N	74-86-2
111	Acetylene		Acetylene	N	74-86-2
IN F	Acetylene	I	Acetylene	N	74-86-2
Galf	Acetylene		Acetylene	N	74-86-2
NE C	Acetylene		Acetylene	N	74-86-2
Ou (	Acetylene	I	Acetylene	N	74-86-25
< N	ACETYLENE	I	ACETYLENE	N	74-86-2
	Acetylene		Acetylene	N	74862
1 N	Acetylene – Comp	I	Acetylene	N	74-86-2
ΕN	Acetylene		Acetylene	N	74-86-2

CALIFORNIA

ιN	Anhydrous Ammor	Ammonia	Y	7664-41-7				a	Ν	c
	Ammonia Gas	Ammonia	N	7664-41-7				а	Ν	с
\$N (	Anhydrous Amme I	Ammonia	Y	7664-41-7				Ь	Ν	Ь
	Anhydrous Amme I		Y	7664-41-7				Ь	Ν	Ь
N I	Anhydrous Amme I		Y	7664-41-7				Ь	Ν	с
٩Y	Ammonium Hydro I	Ammonia	N					Ь	Ν	Ь
	Ammonium hydro I		N					Ь	Ν	Ь
Insi (	Ammonium hydro I	Ammonia	N					Ь	Ν	Ь
(14)	Ammonium Hydro I	Ammonia	N					Ь	Ν	Ь
In FE	Ammonium hydro I	Ammonia	N					Ь	Ν	Ь
١N	Ammonia Etch Dr. 1							Ь	Ν	Ь
١N	Tin Stripper Rinse I	Ammonia Etch Lir	N					Ь	Ν	Ь
2 N	1	Ammonia Etch St	N					Ь	ſ	Ь
2N	1	Ammonia Etch St	N					Ь	٢	Ь
2N	1	Ammonia Etchan	N					Ь	I	Ь
ENG	Anhydrous Ammor		Y	7664-41-7				а	Ν	с
A(1)	Aqueous Ammon I	Ammonia Hydroxi	Y	1336-21-6				а	Ν	Ь
(Y	Ammonium Hydro I			1336-21-6				Ь	Ν	Ь
٩Y	Ammonium Hydro I			1336-21-6				Ь	Ν	Ь
(Y	Ammonium Hydro I	Ammonia Hydroxi	N	1336-21-6				Ь	Ν	Ь
	Ammonia in Nitrog I			7664-41-7				<u>ь</u>	Ν	c 👘
\$110	Ammonia in Nitrog I	Ammonia in Nitrog	N	7664-41-7					Ν	с
\$1.10	Ammonia in Nitrog I	Ammonia in Nitrog	N	7664-41-7				Ь	Ν	c 👘
2121	Ammonium Hydrox	Ammonia Solutio	Y	1336-21-6			4	Ь	Ν	Ь
	Copper Tretraamin	Ammonia Waste	N			-		с	Ν	Ь
11.1	Ammonia I	Ammonia, Anhyd	Y	7664417	1			a	Ν	с
S(4)	Ammonia, anhydro	Ammonia, anhydi	Y	7664-41-7				а	Ν	c
	Ammonia, Anhydro		Y	7664-41-7				а	Ν	с
EN		Ammoniacal Etch	M					Ь	М	Ь

🔷 F	Format Painter			-				
Clipb	oard r	al I	Font	:	Theme Colo	rs		4
	<b>*</b>	×	√ f <sub>x</sub>	*Sulf				
AECCE	F	¢	н					
n Info			hemical Identificati	on				1
aqqqq	205	6		208	Standard Co	lore		;
	ChemicalName	<b>.</b>	CommonName 🔻	EH: •	Stanuaru Cu	NOIS		
	Sulfuric Acid		Tri-Acid Solution					
		Acid	Used Battery Ele		Recent Colo	)FS		
+++++		_	Used Battery Ele					
+			Used Battery Ele		<u>N</u> o Fill			b
FN	Hazardous Wa	stel	Waste Acid Etch/	N				b
١N	Electrolyte/su	lfu l	Waste Battery Ad	N	😵 💾 No F	ill <sup>rs</sup>	•	E.
FN	Waste Lead A	id I	Waste Lead Acid	N	7664-93-9	ШШ	с	Na
1 N		- 1	Waste Lead Acid	Y	7664-93-9		с	Nb
011	Electrolyte/Su	lfu l	Waste Lead Acid	N	7664-93-9		с	l E
FN	Hazardous Wa	stel	Waste Plating Ri	N	7664-93-9		с	I E
IN	Sufuric Acid		Waste solid sulf	Y	7664-93-9		с	Na
IN	Sulfuric Acid		Waste Sulfuric A	Y	7664-93-9		с	NŁ
Elec	Sulfuric Acid (	dilu	10% Dilute Sulfu	Y	007664-93-9		b	Nb
FN	Hard Anodize	- Til	Hard Anodize - T	N	7664-93-6		b	NŁ
IN			Lead Acid Batteri	Y	7664-93-99		b	NE
	Lead Acid Batt	-	Lead Acid Batten	N	7664-93-9		b	NE
	Lead Acid Batt	-			7664-93-9		b	NŁ
			Lead Acid Batten		7664-93-9		b	Nb
	Phosphoric/Su	Iful	Phosphoric/Sulfu		7664-93-9		c	NŁ
11.113			Replenisher A, R		7664-93-0		b	NE
CAL	IFORNIA		(in	Y	7664-93-3		b	NE
				_	997664-93-9		lla	NIE

**IPA** 

FORUM

CE	F	G	Н	1	J	k	L	N	N	CF	•
nfo		CI	nemical Identificati	on		Z	а	rd	1 (	CI	ē
000	205	C	207*	208	209	l	I	I	¢	q	
		6	CommonName 💌	EH 🔻	CASNumt 🖵	þ	•	1	ł	ľ	4
N	Sulfuric Acid	I	Tri-Acid Solution	N	7664-93-9	I			Τ	Τ	]
1	Spent Sulfuric Aci	i	Used Battery Elec	Y	7664-93-9						
N	Sulfuric Acid (Spe	I	Used Battery Elec	N	7664-93-9				Τ	Τ	Ι
too	SULFURIC ACID (S	p	Used Battery Elec	N	7664-93-9				Ι	Ι	
N	Hazardous Waste	I	Waste Acid Etch/	N	7664-93-9	l			Ι	Ι	
N	Electrolyte/sulfu	I	Waste Battery Ac	N	7664-93-9						
N	Waste Lead Acid	I	Waste Lead Acid	N	7664-93-9	l					
N		l	Waste Lead Acid	Y	7664-93-9						
110	Electrolyte/Sulfu	l	Waste Lead Acid	N	7664-93-9						
N	Hazardous Waste	I	Waste Plating Ri	N	7664-93-9						
N	Sufuric Acid	I	Waste solid sulf	Y	7664-93-9				Τ	Τ	Ι
N	Sulfuric Acid	l	Waste Sulfuric Ad	Y	7664-93-9				Τ	Τ	I
lec	Sulfuric Acid (dilu	J	10% Dilute Sulfu	Y	007664-93-9	I			Ι	Ι	
N	Hard Anodize - Ta	I	Hard Anodize - Ta	N	7664-93-6				Τ	Τ	I
N		l	Lead Acid Batteri	Y	7664-93-99				Τ	Τ	Ι
ac	Lead Acid Battery	1	Lead Acid Battery	N	7664-93-9				Τ	Τ	I
121	Lead Acid Battery	I	Lead Acid Battery	N	7664-93-9				Τ	Τ	Ι
lac	Lead Acid Battery	1	Lead Acid Battery	N	7664-93-9				Ι		
a M	Phosphoric/Sulfu	I	Phosphoric/Sulfu	N	7664-93-9				Ι	Ι	
۲O	Brown Oxide		Replenisher A, R	N	7664-93-0				Ι	Ι	I
N		l	Sulfuric Acid (in I	Y	7664-93-3						
010	Sulfuric Acid		Sulfuric Acid High	Y	007664-93-9						
n tł	he warehouse	I	VA100 Electrolyte	N	7664-93-	ſ		[	Ι	Ι	1
						ľ		T	T	ľ	

### Second Half

Analysis

CALIFORNIA

AGENDA

Work – Where the magic happens--eventually Classes – More Excel to do Data Bases/CERS – Prepping the Data Phase 1 – Filter & Color Phase 2 – Re-Sort alphabetic



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

### **More Instructions/tips**

Re-sort the list again this time by color

Search the Chemical Name and Common Name Using the CalARP Keyword

- Filter again by Units
- Review the TQ for the RS and
- Filter the list again in the Maximum Daily Amount
- TQs and above should be highlighted

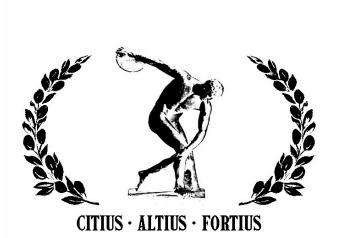
Maximum Daily Amounts around the TQ are highlighted with a different shade

For those volumes significantly less than TQ I don't highlight



## **CERS Sleuths Slogan**

### Continuus Iterativus Saepius



Continually Iteratively Repeatedly





For each RS this process is repeated

Continuus Iterativus Saepius

Adjust your highlighting to match the Maximum Daily Volume Re-sort the list with the additional colors





AGENDA

Data:

Filtered

Colored

Sorted

Saepius

CALIFORNIA

#### For each CAS Column



https://en.wikipedia.org/wiki/Where%27s\_Wally%3E

### Analysis—not quite yet

#### Where's Wally?

< 1. max

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IA																			An	IUd	1110		g Conference



March 24-27, 2025

## Filtering

#### Where's Wally?

llv%3F

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#### н KUNNCPCF S TU V XYZAAAAAA G w **Chemical Identification** Fire Hazar zard Class ........... 144444444 211 11 214\* 207\* 208 209 215 CommonName TT EH T CASNumt T ESTERSEE HW T ESTERSEE Physical State or Ammonia Sort A to Z Physical state of the or Ammonia hazardous material Sort Z to A or Ammonia or Ammonia Sort by Color a = Solidor Ammonia b = Liquid Clear Filter From "PhysicalState" or Ammonia c = Gas N Ammonia Filter by Color Þ 190 11111 001 or Ammonia Text Filters ⊩ or Ammonia 50.29 11111111 or Ammonia 18 111111111 Search P 6 11/11 or Ammonia Select All) 11//1111 or Ammonia Ammonia 2386 1111111111 -- 🗌 a or Ammonia ---- D 6 11/1 ---- 🗸 c 50 11111 00 dr Ammonia. 150 00000000 dr Ammonia. d Anhydrous 25500 1111111111 or Anhydrous 36000 11111/111 Anhydrous 11//11110000 rel Anhydrous 6860 11111 0383 150 111111111 or Anhydrous 33.2 \\\!! or Anhydrous 11//11111 3.0 or Anhydrous OK Cancel or Anhydrous 9.6 111111 0.0 3.8 11/1 or Anhydrous Ammonia, Anhyd Y 7664417 а Nc 2224 11111)11

27th California Unified Program **Annual Training Conference** March 24-27, 2025



### **Almost Analysis**

CALIFORNIA

F	G	Н	1	J	KLI	\N(	PC	F	S	τι	V	W ХҮДААААААААААААААААААААААА	BC
	C	hemical Identificatio	on		zar	d (	Clas	ss				Fire Hazard Category Information	
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Anhydrous Ar	mmor	Ammonia	N	7664-41-7	Π	Π	Π	Ta	а	N	с	Average daily amount of INNNNNNN 4952 22858	
Anhydrous Ar	mmor	Ammonia	Y	7664-41-7	Ш	Π	Π	a	а	Ν	с	hazardous material or INNNNNNN 14400 14400	0
Anhydrous Ar	mmor	Ammonia	Y	7664-41-7		Π		ā	а	Ν	с	mixture containing a INNININ 7500 7500	-
Anhydrous Ar	mmor	Ammonia	Y	7664-41-7		Π		ā	а	Ν	с	hazardous material in each	0
Anhydrous Ar	mmor	Ammonia	Y	7664-41-7		Π		a	а	Ν	с	building or adjacent/outside	0
Anhydrous Ar	mmor	Ammonia	Y	7664-41-7				ā	а	Ν	с	area. 11/1/1/11/11 3300 3300	0
Anhydrous Ar	mmor	Ammonia	Y	7664-41-7				ā	а	Ν	с	2200 1111111111111111111111111111111111	
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ANHYDROUS	AMN	Ammonia	Y	7664-41-7				ā	а	Ν	c	150 ////////////////////////////////////	0
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Anhydrous Ar	mmc I	Ammonia	Y	7664-41-7	Ш	Π		ł	b	Ν	с	2386 111111 11111111111111111111111111111	0
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Anhydrous Ar	mmor	Anhydrous Ammo	Y	7664-41-7		П		a	а	Ν	с	9.6 0.00 8.02 8.02 9.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
Anhydrous Ar	mmor	Anhydrous Ammo	Y	7664-41-7		T		a	а	Ν	с	9.6 10.6 10.6 10.6 10.6 10.6 10.6 10.6	
Anhydrous Ar	mmor	Anhydrous Ammo	Y	7664-41-7		T		a	а	Ν	с	3.8 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Ammonia	1	Ammonia, Anhyd	Y	7664417		T		ā	а	Ν	с	2224 1111111111111111111111111111111111	

#### Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

# **More Filter and Coloring**

#### hemical Identification zard Class Units ..... 211 11 214\* 208 209 215 217 218\* 219 220 221\* 207\* Unit of measure which is most CommonName IT EH T CASNumt T FEIFERSEHM T FEPhy IT Largest appropriate for the material verag 👻 Maxim 🕂 Anı 👻 Sta 👻 Un 💵 D being reported on this page. 141 N 7664-41-7 a Nc 167 104 167 Ь Ammonia 200 Nc 200 200 7664-41-7 b b Ammonia in Nitr N a = Gallons 7664-41-7 Nc 200 200 200 Ammonia in NitreN b b b = Cubic Feet 200 Nc 200 7664-41-7 200 Ammonia in Nitr N b b c = Pounds Nc 150 150 300 Air/Ammonia N b 0 b d = Tons a Nonflammable GN b Nc 144 300 600 0 ь

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C	hemical Identificati	on		zar	d C	lass					F	ire H	aza	rd	Cat	teg	ory	Inf	orn	nat	ion						
C	207*	208	209	ICC	u	111	211	11	214*	215	I	leeea	LLLL	44	<b>a</b> .e	144	aa		L(E		66	217	218*	219	220	221*	222
ľ	CommonName T	EH 🔻	CASNumt 👻	14	111	•••	<b>HN</b> ₊†	1	Phy i T	Largest 💌	ľ	йй	66	11	66	77	iii	111	77	14	11	Average 👻	Maxim 斗	Anı 👻	Sta 🔻	Un IT	Dar
T	Ammonia	N	▼ 54-41-7	Ш	$\square$	Π	а	Ν	с	167	1	1111	11	r r	111	11	111	t) I	۱I	11	11	104	167		141	b	36
•	Ammonia in Nitr	Ν	7664-41-7				b	Ν	c	200	I	11111	n n	1	111	11	111	111	11	111	n	200	200			b	36
- 0	Ammonia in Nitro	N	7664-41-7				b	Ν	c	200	I	11111	n ri	11	111	11	111	111	11	111	n	1 200	200			b	36
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#### Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

27th California Unified Program Annual Training Conference March 24-27, 2025



is your friend

#### AGENDA

Н	1	J	KLN	NC	PCF	S	тι	V	W	BA	BB	BC	BD	BE	СВ	CC	CD	CE
emical Identificati	on		zar	d C	las													
207*	208	209	144	140	I	211	11	<b>214</b> •	215	217	218*	219	220	221*	226	227	228	229 2
CommonName া	EH 👻	CASNumt 👻	14		• •	HN ₊1	"	Phy ₊î	Largest 💌	Average 💌	Maxim 斗	Anı 👻	Sta 👻	Un IT	H 🔻	HC1Name 👻	ł 🔻	HC1CAS - H
Aqueous Ammon	N	1336-21-6		Π	Π	b	Ν	b	261	200	261			а	20	Ammonia	Y	7664-41-7
Aqueous Ammon	N	1336-21-6		Π	Π	b	Ν	b	2500	2500	5000			а	30	Ammonia	N	1336-21-6
Aqueous Ammon	N	1336-21-6		Ш	Π	b	Ν	b	500	500	750		133	а	17	Ammonia	N	1336-21-6
Liquid Ammonia	N	1336-21-6		Ш	Π	b	Ν	b	55	110	110	0		а	70	Water	N	7732185
Printing Ink with	N	1336-21-6		Ш	Π	b	Ν	b	5	8	250			а	4	Ammonium	Y	1336-21-6
Agua Ammonia	Y	7664-41-7				b	Ν	b	410.3	223.8	820.6			а	30	Amonia	Y	7664-41-7
Aqua Ammonium	N	7664-41-7			Π	а	Ν	b	55	55	55			a				
Aqueous Ammon	N	7664-41-7				b	Ν	b	360	200	360			а	30	Aqueous An	N	7664-41-7
Aqueous Ammon	N	7664-41-7		Ш		b	Ν	b	50	100	150	0		а	30	Anhydrous A	N	7664-41-7
KIK PUREBRIGHT	N	7664-41-7				b	Ν	b	0.5	23.45	250			а	3	Ammonia	N	7664-41-7
*Waste, Ammoni	N					с	Ν	b	55	55	55	550	343	а				
A-11 Ammonium	N		Ш	Ш		b	Ν		405	405	405			а	67	Ammonia Bi	N	1341-49-7
ADD-0002 Ammor	N					b	Ν	b	55	55	110	0		а	20	Ammonium	N	1336-21-6
Ammonia	N					b	Ν	b	100	75	100			а	29	Ammonium	N	1336-21-6

Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

CERS is your friend



Search the Chemical Name and Common Name Using the CalARP Keyword Filter again by Units

- Review the TQ for the RS and
- Filter the list again in the Maximum Daily Amount
- TQs and above should be highlighted
- Maximum Daily Amounts around the TQ are highlighted with a different shade

For those volumes significantly less than TQ I don't highlight

### **Analysis with Filter and Coloring**

н	1	J	KLI	NNC	PC	s	τu	v	w	BA	BB	BC	BD	BE	СВ	CC	CD	CE	CF		
hemical Identificati	on		zar	rd (	las	s	Π														
207*	208	209	144	44	110	211	11	214*	215	217	218*	219	220	221*	226	227	228	229	230		
CommonName T	EH 🔻	CASNumt 🔻	14	10	"	HN 🖵	1	Phy ₊†	Largest 💌	Average 👻	Maxim 斗	Anı 🔻	Sta 🔻	UniT	H 🔻	HC1Name 🔻	H 💌	HC1CAS 👻	H 🔻	HC2	https://en.
Aqueous Ammon	N	1336-21-6		Π	Π	b	N	b	275	550	550	0	122	а	19	AMMONIUM	N	1336-21-6		WA.	
Aqueous Ammon	N	1336-21-6		Π	Ш	b	Ν	b	261	200	261			а	20	Ammonia	Y	1336-21-6	80	Wa	
Aqueous Ammon	N	1336-21-6	Π	Π	Ш	b	Ν	b	261	210	261			а	20	Ammonia	Y	7664-41-7	80	War	
Aqueous Ammon	N	1336-21-6		Π	Ш	b	Ν	b	261	200	261			а	20	Ammonia	Y	7664-41-7	80	Wa	
Aqueous Ammon	N	1336-21-6		Π	Ш	b	Ν	b	2500	2500	5000			а	30	Ammonia	N	1336-21-6			
Aqueous Ammon	N	1336-21-6		T	Ш	b	Ν	b	500	500	750		133	а	17	Ammonia	N	1336-21-6			
Liquid Ammonia	N	1336-21-6		Π	Ш	b	Ν	b	55	110	110	0		а	70	Water	N	7732185	30	Ami	
Printing Ink with	N	1336-21-6		T	Ш	b	N	b	5	8	250			а	4	Ammonium	Y	1336-21-6			
Agua Ammonia	Y	7664-41-7		T		b	N	b	410.3	223.8	820.6			а	30	Amonia	Y	7664-41-7	70	Wa	
Aqua Ammonium	N	7664-41-7	Ш	Π	Ш	а	N	b	55	55	55			а							
Aqueous Ammon	N	7664-41-7	Ш	Π	Π	b	Ν	b	360	200	360			а	30	Aqueous An	N	7664-41-7			
Aqueous Ammon	N	7664-41-7				b	Ν	b	50	100	150	0		а	30	Anhydrous A	N	7664-41-7			
KIK PUREBRIGHT	N	7664-41-7				b	Ν	b	0.5	23.45	250			а	3	Ammonia	N	7664-41-7			
*Waste, Ammoni	N					с	Ν		55	55	55	550	343	а							
Aqua Ammonia	N		Ш	Ш	Ш	b	Ν		4250	3000	4250	0		а	19	Anhydrous A	N	7664-41-7	81	Wa	
Aqua Ammonia	N		Ш	Ш	Ш	b	Ν	-	55	55	110			а	20	AMMONIUM	N	1336-21-6	80	WA.	
Aqueous Ammon	N		Ш	Ш	Ш	b	Ν	-	4000	4000	4000	0		а	81	Water	N	7732-18-5	19	Am	
Aqueous Ammon					Щ	b	Ν		4000	4000		0		а		Water	Ν	7732-18-5		Am	
AQUEOUS AMMO				1	Ш	b	Ν	-	300	200				а		Anhydrous A				Wa	
Aqueous Ammon					Щ	b	Ν	-	298				122	а		Anhydrous A				Wa	
Aqueous Ammon				1	Ш	b	Ν	-	220	200				а	100					Anh	
Clear Ammonia	N		Ш	П	Ш	h	N	h	1	100	120	l n		a		Water	N	7732-18-5	3	Δmi	

Where's Wally?



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#### AGENDA

Potassium Cyanid         Waste Cyanide S N         151-50-8         C         N b         55         Intrinsition of intrinsiting intrinsing intrinsition of intrinsition of intregrama of intrin	E F (	я н	1	J	KLN	NCF	CF	S	τu	V	W	X	YZAAA	а д д	рдда	ррр	ддд	рддд	адда	ддд	BA	BB	BC	
ChemicalName v         CommonName v         EH v         CASNumt v         K17PN v         Largest v         Eighth Fire Code Hazard Classe         Frage v         Maxim v         An v         S           AMMONIUM HYD         AMMONIA         Y         1336-21-6         I         a         N b         55         for isr responders the type and         50         75         a           Cadmium Oxide         Cadmium Oxide         Y         1306-19-0         I         a         N a         20         75         a         70         70         0           Cadmium Oxide         Cadmium Oxide         Y         1306-19-0         I         a         N a         20         Code Reference'' page.         50         50         50           Nitrogen Dioxide         Cadmium Qvanid         Y         151-50-8         I         a         N a         50	e c	hemical Identificati	on		zaro	d Cl	as						Fire Ha	izai	d Ca	tego	ory I	nfori	mat	ion				
ChemicalName         CommonName         EH         CASNumt         CASNumt         CASNumt         CommonName         Fire Code Hazard Classes describe         Free C	205	207*	208	209	144	144	Į	<b>v</b> 11	11	214*	215	F	iahth	Fire		de l	-laz;	ard (	Clas	•••••	217	218*	219	
Cadmium Oxide         Cadmium Oxide         Y         1306-19-0         a         N         a         State         level of hazardous materials which a business handles. Refer to list on "Code Reference" page.         50         75           Cadmium Oxide         Cadmium Oxide         N         1306-19-0         a         N         a         State         State         50         50         50           Nitrogen Dioxide         Nitrogen Dioxide Y         1010-244-0         a         N         a         State         State         50         50         50         50         50           Sodium Cyanide         Notasium Cyanide Y         151-50-8         a         N         a         State         State<	ChemicalName	CommonName 💌	EH: 🔻	CASNumt 👻	141	u e	q	HM 👻	6	Phy 🔻	Largest 💌	1	-								erag 🔻	Maxim 🖵	Anı 🔻	s
Cadmium Oxide         Cadmium Oxide         N         100	AMMONIUM HYD	AMMONIA	Y	1336-21-6		ΠΓ	Π	а	Ν	b	55	t	to first	res	pone	lers	the	typ	e ar	nd	370	370		Г
Cadmium Oxide         Cadmium Oxide         N         130-13'0         N         A         N         A         A         A         A         A         A         A         A         A         A         A         A         Code Reference" page.         TO         TO <thto< th="">         TO         TO</thto<>	Cadmium Oxide	Cadmium Oxide	Y	1306-19-0		Ш	Π	a	Ν	а	50	٩									50	75		T.
Cadmium Oxide         N         1306-13-0         a         N a         50         50           Nitrogen Dioxide         Nitrogen Dioxide         Y         1010-24-0         a         N a         50         50           Potassium Cyanid         Sodium Cyanide         N         143-33-9         a         N a         50         50           Potassium Cyanid         Sodium Cyanide         N         143-33-9         a         N a         50         50           Anhydrous Ammor         Ammonia         Y         7664-41-7         a         N c         150         ffffffffffffffffffffffffffffffffffff	Cadmium Oxide	Cadmium Oxide	N	1306-19-0		Ш	Π	а	Ν	a	20	4							to I	ist or	י 70	70	0	
Potassium Cyanid         Potassium Cyanide         N         151-50-8         a         N         a         50           VSodium Cyanide         Sodium Cyanide         N         143-33-9         a         N         a         50         50           Potassium Cyanid         Waste Cyanide S         N         151-50-8         C         N         b         55         ffffffffffffffffffffffffffffffffffff	Cadmium Oxide	Cadmium Oxide	N	1306-19-0		Ш	Π	a	Ν	a	50	1	Code	Ref	eren	ce"	pag	je.			50	50		E.
Sodium Cyanide         Sodium Cyanide         N         143-33-9         a         N         a         So         N         a         So         N         a         So         N         a         So         N	Nitrogen Dioxide	Nitrogen Dioxide	Y	10102-44-0		Ш	Π	a	Ν	c	23										68	68		Γ.
Potassium Cyanid         Waste Cyanide Si N         151-50-8         C         N b         55         Formation of the formation of t	Potassium Cyanid	Potassium Cyani	Y	151-50-8		Ш	Π	a	Ν	a	50	٩.,	*****	<b>4</b> 44								50		Π.
Anhydrous Ammori Ammoria         Y         7664-41-7         a         N c         150         0100000000000000000000000000000000000	k Sodium Cyanide	Sodium Cyanide	N	143-33-9		III	IT	а	N	а	50	0 1	11111	111	1111	111	111	1111	11/1	111	40	50		
Ammonia Gas         Ammonia         N         7664-41-7         I         a         N c         167         117         1104         167         1           Anhydrous Ammor Anhydrous Ammor Y         7664-41-7         I         a         N c         150         ffffffffffffffffffffffffffffffffffff	Potassium Cyanie	Waste Cyanide S	N	151-50-8	Ш	ΠΤ	Π	с	Ν	b	55	5 1	11111	111	1111	111	111	1n	11/1	111	100	200	1000	5
Anhydrous Ammo         Anhydrous Ammo         Y         7664-41-7         a         N c         150         0100000000000000000000000000000000000	Anhydrous Ammo	Ammonia	Y	7664-41-7			Π	а	Ν	с	150	1 0	11111	11/	1111	111	111	1n	11/1	111	450	450		Γ
FILM LAMINATING         108-05-4         b         N         b         275         0101110000000000000000000000000000000	- Ammonia Gas	Ammonia	Ν	7664-41-7				а	Ν	c	167	7 1	(1111)	11/	1111	111	111	1n	11/1	111	104	167		1
Formaldehyde         Formaldehyde Y         50-00-0         b         N         b         459         formaldehyde V         50-00-0         formaldehyde S         917           Formaldehyde         Formaldehyde 37 Y         50-00-0         b         N         b         550         formaldehyde 10000         45000         0           Formaldehyde         Formaldehyde 5C Y         50-00-0         a         N         b         455         formaldehyde VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV	Anhydrous Ammo	Anhydrous Ammo	Y	7664-41-7				а	-		150	0 1	11111	۱I/	1111	111	111	111	11/1	111	450	450		1
Formaldehyde         So         Formaldehyde 3; Y         So-00-0         b         N         b         SS0         FORMALT         20000         45000         0           Formaldehyde         Formaldehyde 5; Y         So-00-0         a         N         b         455         Fffffffffffffffffffffffffffffffffffff	EFILM LAMINATING	FILM LAMINATING	Ν	108-05-4	Ш	Ш	Ш	b		-	275	5 1	(111)	111	1111	111	111	1111	111	111	275	550		
Formaldehyde         Formaldehyde ScY         50-00-0         a         N         b         45.5         Fffffffffffffffffffffffffffffffffffff	Formaldehyde	Formaldehyde	Y	50-00-0	Ш	Ш	Ш	b			459	9 1	(1111)	111	1111	111	117	1111	11/1	111	459	917		
Formaldehyde         Formaldehyde Sc Y         50-00-0         b         N b         460         ITTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	Formaldehyde, So	Formaldehyde 37	Y	50-00-0	Ш	Ш	Ш	b		-	550	0 1	11111	111	1111	111	11)	m	11/1	111	20000	45000	0	
Formaldehyde         Formaldehyde Sc N         50-00-0         c         N b         55         ffffffffffffffffffffffffffffffffffff	[Formaldehyde				Ш	Ш	Ш	а	1.1	-			11111	111	1111	111	m	1111	m	111				1
Hydrogen Chlorid         Hydrogen Chlorid         N         7647-01-0         a         N         C         Fifther fift			-		Ш	Ш	Ш	b		-			11111	111	1111	111	11)	1111	m	111				1
Peroxyacetic Acid         Peroxyacetic Acid         Y         79-21-0         b         N         b         3050         Internet int					Ш	Ш	Ш	c		-	55	5 1	11111	111	1111	111	117	1111	111	111	30	110	785	
Formaldehyde         Waste Formalde N         50-00-0         b         N         b         55         ffffffffffffffffffffffffffffffffffff		· · ·			Ш	Ш	Ш		-			+	1	γn	1111	111	111	1111	111	IIN		2		1
Butane         Foaming Crystal N         106-97-8         b         N         b         0.15         ПППППППППППППППППППППППППППППППППППП							11	-	1.1		3050	0	1	111	1111	111	111	1111	111	111				
Hydrogen         Hydrogen, Liquid         N         1333-74-0         a         N b         300         0111111111111111111111111111111111111						ш	Ш	-		-	55	5 1	,,,,,,,	111	1111	111	11)	111	n n	111			0	2
Hydrogen, Liquid         N         1333-74-0         a         N         b         1500         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			N				₩	-	1.1	-			,,,,,,	111	1111	111	111	1111	111	111				+
HYDROGEN         Hydrogen, Liquid N         1333-74-0         a         N b         1500         111111111111111111111111111111111111	, ,		N				-	-						111		111	111	111		111				H
Propane         Liguefied Petrols N         74-98-6         I         I         a         N b         4 ////////////////////////////////////							₽	-	1.1	-				111		111								÷.
Propane Liquefied Petrols N 74-98-6 a N b 2000 101111 1011111111111111111111111								-		-	1500													H
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	Propane	Liquefied Petrole		74-98-6				a				-									1800		0	+

#### Where's Wally?



#### https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

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4	ChemicalName 👻	CommonName 💌	EH 👻	CASNumt 👻	1	11		HM -	17	Phy -	Largest 👻		hem			stra	ct S	erv	ice		úí	Average	Maxim	Anı 🔻	s
L.	AMMONIUM HYD	AMMONIA	Y	1336-21-6	Т	Π	П	а	N	b	55	(	CAS)	nu	mbe	r fo	r th	e			r n r	370	370		T
5	Cadmium Oxide	Cadmium Oxide	Y	1306-19-0	П			а	N	a	50	ł	nazaro	dou	s m	ateri	ial.	For			r n r	50	75		Т
Π	Cadmium Oxide	Cadmium Oxide	N	1306-19-0	It			а	N	a	20		nixtu							of	m	70	70	0	j.
٥v	Cadmium Oxide	Cadmium Oxide	N	1306-19-0	П	Ш		а	N	a	50		he m								m	50	50		Т
v	Nitrogen Dioxide	Nitrogen Dioxide	Y	10102-44-0	H		Ħ	а	N	l c	23		issign						inc	t	m	68	68		t
a	Potassium Cyanid	Potassium Cyanie	Y	151-50-8	П		T	а	N	la	50	1	rom i	its (	om TIT	pon	ent	s.				4	50		T
k	Sodium Cvanide	Sodium Cvanide	N	143-33-9	H		T	а	N	la	50	I	erer.	111	1111		111	11	111	Y n n	r n n	40	50		t
Π	Potassium Cyanie	Waste Cyanide S	N	151-50-8	Г			с	N	b	55	I	1111	111	1111	111	111	m	n r	111	r n r	100	200	1000	i.
	Anhydrous Ammo	Ammonia	Y	7664-41-7	П			а	N	l c	150	I	1111	11r	1111	111	111	m	nr:	111	r r r	450	450		T
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ľ.	Anhydrous Ammo	Anhydrous Ammo	Y	7664-41-7	П			а	N	l c	150	1	1111	m	1111	111	111	m	nr:	111	111	450	450		1
E	FILM LAMINATING	FILM LAMINATING	N	108-05-4	П			b	N	b	275	I	1111	١T	titi	t t t	111	11	t t t	111	111	275	550		Т
85	Formaldehyde	Formaldehyde	Y	50-00-0	П			b	N	b	459	I	r r r r	١Ħ	ti ti ti	111	111	m	m	111	t t t	459	917		Τ
21	Formaldehyde, So	Formaldehyde 37	Y	50-00-0	П			b	Ν	b	550	I	1111	111	000	111	111	NE	m	111	111	20000	45000	0	T
۵	Formaldehyde	Formaldehyde So	Y	50-00-0	Π			а		b	45.5	I	1111	١IJ	ti ti	111	111	m	nr:	١١r	۱ı	2838	2838		Ι
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d	Hydrogen Chlorid	Hydrogen Chloric	N	7647-01-0				а		l c				n)	ti ti	m	111	m	h f	111	111	4	2		
Ц	Peroxyacetic Acid	Peroxyacetic Acid	Y	79-21-0	Ш			b		b	3050			t t t	1111	111	111	m	nr:	۱Y	111	7000	15000		
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Ц	Butane	Foaming Crystal		106-97-8	Ш			b		b	0.15		1111	m	1111	111	111	n r	111	111	111	1470.6	2941.2		1
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-	HYDROGEN	Hydrogen, Liquid		1333-74-0	ш	Ш		а		b	1500	I	1111	111	1111	111	111	11	111	111	111	1500	1500		1
	Propane	Liquefied Petrole		74-98-6	Ш	Ш		а		b	4	1	1111	۱۱	1111	111	111	11	111	111	111	124	2448	0	4
	Propane	Liquefied Petrole		74-98-6	Ш	Ш		а		b	2000		1111	11I	1111	111	111	11	111	111	111	1000	2000		1
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#### Where's Wally?

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Che	emical Identifica	ation		zar	d (	Clas														
	0 207"	208	209	100	dda	1400	211	11 214"	217	218"	219	220	221"	224	225	226	227 2	28	229	
-	CommonNa 🔻	Eł 🔻	CASNu 🔻						Avera 🔻	Maxin 🕂	A. 👻	SI 🔻	UI →	SI 🔻	SI 🔻	1-	HC1Nal 🕂 l	▼ H	C1C	
	Electro Glo 300			Ш	Ш	Т		NЬ	110	110	_		а	а	а		Sulfurie Acid		664-9	
	C-22, Clear Chro	(N			Ħ		Ь	NЬ	110	110			а	а	а	1	CHROMIUM Y	10	025-1	
	C-37, Clear Chro	(N		TT	Ш		Ь	NЬ	110	110			а	а	а	1	CHROMIUM Y	/ 10	025-1	<u>kipedia.org/wiki/Where%27s_Wally%3F</u>
	Diphacinone	N	82-66-6		П		Ь	Na	1000	2000	0		с	а	а	0	Diphacinone N	J 82	2-66-	
le	Cadmium Oxide	Y	1306-19-0		П		а	Na	220	440			с	а	а	- 99	Cadmium O <sub>2</sub> Y	/ 13	306-19	
le	Cadmium Oxide	N	1306-19-0		Ш		а	Na	70	70	0		с	а	а	100	Cadmium O <sub>2</sub> N	J 13	306-19	
Soc	Cadmium Oxide/	Y			Ш		ь	NЬ	86166	86166			с	а	а	3	Cadmium O <sub>2</sub> Y	/ 13	306-19	
miu	I Dull / LHE Cadmiu	Y			Ш		Ь	NЬ	10990	21981			с	а	а	3	Cadmium O <sub>2</sub> Y	/ 13	306-19	
niur	l Titanium Cadmiu	۲			Ш		ь	NЬ	7118	7118			с	а	Ь	3	Cadmium O <sub>2</sub> Y	/ 13	306-19	
mС	Bright Cadmium [	Y					Ь	NЬ	2420	2420			с	а	а		Cadmium O <sub>2</sub> Y	/ 13	306-19	
le/S	<sup>N</sup> Cadmium Oxide/	5 N			П		ь	NЬ	1250	1250			с	а	а	3	Cadmium O <sub>2</sub> Y	/ 13	306-19	
Pla	<sup>N</sup> Dull Cadmium Pla	Υ					ь	NЬ	1210	1210			с	а	а		Cadmium O <sub>2</sub> Y	/ 13	306-19	
mF	N Bright Cadmium P	Y			Ш		ь	NЬ	1085	1085			с	а	а		Cadmium O <sub>2</sub> Y	/ 13	306-19	
miu	Tank 82 - Cadmi	N			Ħ		Ь	NЬ	992	992	0		a	а	Ь	4	cadmium O <sub>2</sub> N	J 13	306-19	
oide	Codmium Cyanid	N	542-83-6	Ш	Ш		Ь	NЬ	501	501			а	а	а	1	Cadmium ox N	J 13	306-19	
nt	mium solution	N			Ħ		Ь	Na	404	404			а	а	а	3	Cadmium oxid	le 13	306-19	
ach	k 52 - Cadmi	N		TT	Ш		ь	NЬ	225	225	0		а	а	ь	4	Cadmium O <sub>2</sub> N	J 13	306-19	
	ure k 54 - Dougla	N			Ħ		Ь	NЬ	225	225	0		а	а	Ь	3	Cadmium O <sub>2</sub> N	J 13	306-19	
	k 56 - Cadmir	N		Ш	Ш		Ь	NЬ	225	225	0		а	а	а	3	cadmium O <sub>2</sub> N	J 13	306-19	
uild	ling k 79 - Dull Ca	N					Ь	NЬ	225	225	0		а		Ь	4	Cadmium O <sub>2</sub> N	J 13	306-19	
	any ous Herbicide	e N	Misture				Ь	Na	3188	4000	0		с	а	а		Fumioxazin N	J 51	7-24-:	
	dous Posticida	N	Mixture	ĦĦ	Ħ		Ь	Na	2475	3500	0		с	а	а		Strychnine AN	J 51	7-24-:	
se o	adium Pento	Y	1314-62-1		П		ь	Na	1760	1760			с	а	а	1	Vanadium C Y	/ 13	314-62	
	131 Durite SC	Y	Mixture		T		Ь	ľЬ	20000	51360	0		с	а	с	25	Phenol Y	/ 10	)8-95-	
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	Phenolic Prepres	N			Ħ		ь	Na	4931.25	4931.25			с	а	с	8	PHENOL N	J 10	)8-95-	
mpl	RXP-Listed Emp	Υ	81-81-2		П		с	Na	1	23	1	311	с	а	а		Warfarin Y	/ 81	1-81-2	
	I Antique Black M2	N	730050		TT		Ь	NЬ	55	55	55		а	а	а	5	Selenious A N	J 7	783-0	



CALIFORNIA



For each CAS Column & color code this process is repeated

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Adjust your highlighting to match the Maximum Daily Volume Re-sort the list by Max Daily Volume Color



#### Where's Wally?



#### AGENDA

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ogen Dioxide, N			Ь	No		111111					_					oraci					а			10102-44				
138 Exolit RP ( Y	Mixture			ľЬ		111111	Sort by	Maximu	ImDailyAmo	unt 🗸	Cell	Color			$\sim$		•	On T	op 🔻	/	а	49 Red pho		7723-14-	-( 4			
assium Cyanic Y	151-50-8		a	Na			Then by	Maxim	mDailyAmo	unt III	Cell	Color						On T			а	100 Potassi		151-50-8				
assium Cyanic N	151-50-8		а	Na		1111111		Waximu	mDanyAmo	unt 🗸	Cell (	0101			$\sim$		•	Unit	op 📐		a	100 Potassi		151-50-8				
assium Cyanic Y	151-50-8		а	Na		,,,,,,,,,	Then by	Maxim	mDailyAmo	unt 🗸	Cell	Color			$\sim$			On T	op 🔍		a	100 Potassi		151-50-8				
assium Cyanic N	151-50-8		a	N a N b				Maxim	in DunyAnie		cent	0101			×			0111			a	100 Potassi		151-50-8	-			
assium Cyanic Y er Cyanide an Y			Ь	N B		111111111 1111111	Then by	Maximu	mDailyAmo	unt 🗸	Cell	Color			$\sim$		<b>_</b>	On T	op 🕔		a	1 Potassi 13 Potassi		151-50-8	_			
per Cyanide an 1 per Cyanide FY				NB																	a	Potassi		151-50-8	-			
er Plate Drag I Y			Ь	Nb	2044 1		Then by	Maximu	mDailyAmo	unt 🗸	Çell (	Colo			$\sim$		•	On T	op 🔨		a	12 Potassi		151-50-8				
er Cyanide an Y			Ь	NB	1300 1																a	13 Potassi		151-50-8	-			
k No. 03-01S N			Ь	Nb	255 [		Then by	CERSID		$\sim$	- LUI 1	/alues			$\sim$	Smalles	t to Largest		~	/	a	12 POTAS		151-50-8				
k No. 03-04 S N				NЬ		111111	They	Maxim	mDailyAmo	unt 🗸	Cell	Values			~	Largest	to Smallest				a	12 POTAS		151-50-8				
er Plate N				NЬ		111111										cangest	to smanest				a	9 POTAS		151-50-8				
assium Coppe N	544-92-3		Ь	NЬ		,,,,,,,,,															ь	15 Potassi	in C Y	151-50-8	•			
k No. 03-02 \$ N			Ь	NЬ	180 1	111111															а	10 POTAS	SIUN Y	151-50-8				
k No. 03-03 S N			Ь	NЬ	180 1	,,,,,,,,,	1														а	7 POTAS	SIUN Y	151-50-8				
d Strip N			Ь	NЬ	20 1	111111															а	20 Potassi	im C Y .	151-50-8	5			
ik No. 54P Dra N				NЬ	59													_			а	1 POTAS		151-50-8	5			
k No. 55P Dr. N				NЬ	59												OK		Cancel		а	1 POTAS		151-50-8	5			
-Wash/Cyani N	Misture		с	NЬ		1111111				_		_	_								а	5 Potassi	im C Y	151-50-8				

CALIFORNIA CUPA FORUM is your friend

- 4	<u>F</u> EQLE F	( н	1	J	FLI	1) 11	(F	s ių v	W	212	****	****	****		****	****	BA	BB	BC	BD	BE	BF	36 B	FВ	IВJ
		mical Identi	fication	<u> </u>		4 CI				• н		r4 C4		=ry	lafe	-									Ste
2	205	207"	208	209	100		11	211 11 214	215	111	1111	1111	444		11(1	1133	217	218*	219	220	221"	222 2	32	323	23
3	Chomicall -	CammanH	- E -	CASH -	m	m	07	н - Гр -	Lara X	m	mr	rrrr	rrrr	rrrr	rrrr	T	Örer -	Hazid		5 -	<b>u</b> -	0 - 1			
253				1336-21-6		Πī														122	4	365	_	_	_
254	outr Propano Gar	Propane	N	74-98-6										HH			1500	1760	0		4	365	( N	I N	N
255		10D	9 AL N	106-97-8	m	ш			0.15		111	1111					1257.75	2515.5			4	365	и м	I N	N
256	CERS ID		ØBI N	106-97-8	111		ь	ь N b	0.15		111						790.125	1580.25			4	365			
257	1		tal S N	106-97-8	m	ш	ь		0.15		111						1470.6	2941.2			4	365			
258	8-digit or 9-d	igit 📩	ØBI N	106-97-8	111		Ь	6 N B	0.15	Ш							924.3	1848.6			4	365	N N	I N	N
259	Identifier use	d to	N	7664-41-7	Ш	Ш		a Nic	3117		1111	1111		uu		uu	4952	22858		141	۰.	365	м м	I N	N
260	uniquely iden	+if.	Y	7782-50-5				a Nb	38000	111	m	11111		uu:		1111	228000	228000	0		e .	365	и м	I N	N
261		- Inv	ido N	10049-04-4	Ш	Ш	Ь	6 N B	2015	: 111	uu	uur				eu	1500	2015	0		a	200	/ N	i Y	Ν
262	this facility in	CERS.	vma Y	7664-41-7	Ш	Ш		a Nic	25500	ш	1111	1111		uu	111	ue:	83000	\$3000			۰.	365	и к	I Y	Ν
263		- Ar	vma Y	7664-41-7	Ш	Ш		a Nic	36000	111	11 Y	1111		uu	111	001	36000	36000			۰.	365	ЯΝ	i Y	Ν
264	Ammonium Hydro	Aqueow Amn	ani N	1336-21-6	Ш	Ш	b	6 N B	2500	ш	1111			uu	1111	uu	2500	5000			a	365	/ N	I N	Ν
265	Y AMMONIUM HYD	AMMONIUM	IYDI N	1336-21-6	III	Ш	b	6 N 6	1755	111	iiii		uu	uu:	1111	1111	2800	3510	0		a	365	/ N	I N	Ν
266				1336-21-6			b		385	111	1111	uu	uu	uu	1.1.	ш	1 7000	17500			۰.	365			
267			Acie Y	7664-39-3			b		2000		IIII	uu	uu	uu:	111	ш	1 500	2500			۰.	365			
268			Y	7664-41-7					100											141	۰.	365			
269		Liquefied Pet		74-98-6	Ш				100			1111						5400	0		a	365			
270		Liquified Petr	nlos N	74-98-6	Ш	ш	b		500			1111			uuu	œ	650	7800			4	365			
271	N Propano	Liquefied Pet	ralo N	74-98-6			4		6250			ШЦ	Ш	Ш			3125	6250			4	365			
272		PROPANE	N		Ш	ш	b				1111	1111			uur	œ	120000		0		4	365			
273	1	Propane	N	74-98-6	Ш	ш			30000	111	111	11111			ш		40000	64000	0		4	365			
274		Liquefied Pet		74-98-6	Ш	Ш	b		30000		Ш°	1111	uu		uuu	œ	3430	30000			a	365			
275		Propono	N	74-98-6	Щ				11600			1111						20800	0		4	365			
276			N	68476-85-7			b					1111						6240	0		a	365			
277		LNG	N	74-82-8	Ш	Ш			16300		111	1111				ш		16300			4	365			
278			N	74-98-6	ш	ш	4		1150		IN						7000	23000			4	364			
279		Liquefied Pet		74-98-6		ш						1999						30000			4	365			
280		Liquefied Pet		74-98-6			4		500							ш		4000			4	365			
281	N Propano (LPG)	Propone	N	74-98-6			4		2770			1111						2770			4	365			
282		Hydragon	N				4		18000									18000			a	365			
283		PROPANE	Y	74-98-6			4		127131			1111						127131	_		۰.	365			
284		Hydrogen Ga	_	68476-85-7			4		123429								90154	123429	0		c a	365			
285		Hydragon Gas Liquid Hydras		1333-74-0					3000	_							15000	3000	0		-	365			
286		Liquid Hydras		1333-74-0			4		18000										0		a	365			
287			nalo M N	74-98-6					3400			11111					2500		0		a		Y N Y N		
288				74-98-6			4		10000	_											a	365			
289		Comprozzod p Butano		106-97-8								1111									a	365			
	N Butano			106-97-8		H	4		10000									13000	0		a		Y N Y N		
291 292		Hydragon Lig Hydragon Lig		1333-74-0			4		3216								3216	3216	0		a a		Y N Y N		
292		Hydragon Lig Hydragon Lig		1333-74-0		H			3216								2500	3216	0		a a	365			
293		*Simple Green		106-97-8			a b		0.15	_							5572.125				a	365			
294		Simple Green		106-97-8			b		0.19								4387.5				a a	365			
295		Feaming Crys		106-97-8			b		0.19	_							4387.5	3353.25			a	365			
296		Simple Green		106-97-8			b		0.19									12346.2			a	365			
297		Simple Green		106-97-8			b		0.19									12346.2			a a	365			
			_	8052-42-4			_														-	365			
299	Oute Madified Arphalt	Urates	N	0052-42-4	TH I	ш	116	e Ma	30		πu	uuu	uuu	unu	uuu	aaa	1 2500	5000	· · · · ·		۰.	365	110	111	111

#### Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F



## déjà vu all over again...

# Using your agency's existing CalARP CERS ID inventory Place into an open column

	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	
										Beg	4	
	.00	.00								End	209	
•	-	Ŧ	matc 👻	j cas 🔻	ce 1 🔻	ci 2 💌	cm 3 👻	cq 4 👻	cu 5 🗸	existing 🖃		С
24	Ac	#	#N/A	#N/A	31	#N/A	#N/A	#N/A	#N/A		4	Et
24	Ac	#	#N/A	#N/A	26	#N/A	#N/A	#N/A	#N/A		5	Fl
24	Ac	#	#N/A	#N/A	26	#N/A	#N/A	#N/A	#N/A		6	Le
24	Ac	#	#N/A	#N/A	25	#N/A	#N/A	#N/A	#N/A		7	M
2/1	٨٥	#	#N/Λ	#NI/Λ	26	#NI/Λ	#NI/Λ	#NI/Λ	#NI/Λ		8	M

# Match, in Column DD, the Agency's CalARP CERS ID with the CERS IDs in Column A



## déjà vu all over again...

#### Enter your agency's existing CalARP CERS ID inventory Into an open column DK

	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	
										Beg	4	
	.00	.00								End	209	
-	-	Ŧ	matc 👻	j cas 🔻	ce 1 🔻	ci 2 🔽	cm 3 👻	cq 4 👻	cu 5 🗸	existing 🖃		С
24	Ac	#	#N/A	#N/A	31	#N/A	#N/A	#N/A	#N/A		4	Et
24	Ac	#	#N/A	#N/A	26	#N/A	#N/A	#N/A	#N/A		5	Fl
24	Ac	#	#N/A	#N/A	26	#N/A	#N/A	#N/A	#N/A		6	Le
24	Ac	#	#N/A	#N/A	25	#N/A	#N/A	#N/A	#N/A		7	M
2/1	۸c	#	#N/Λ	#N/Λ	26	#NI/Λ	#NI/Λ	#NI/Λ	#NI/Λ		8	M



# This never ends

#### Match the Agency's CalARP CERS ID with CERS ID (Column A)

ont			tar I		All	gnn	nent		La I	NUR	nber 🖓	
=MATCH	(A4	1,D	K:DK,)									
					_	_				-		
DA	DB	DC	DD	DE	DI	-	DG	DH	DI	DJ	DK	DL
											Beg	4
20.0010	.00	.00									End	209
omitted 👻	¥	Ŧ	matc 👻	j cas 👻	ce 1	-	ci 2 💌	cm 3 👻	cq 4 💌	cu 5 👻	existing 👻	
1/3/2024	4	#	#N/A	#N/A		31	#N/A	#N/A	#N/A	#N/A	10829905	4
2/27/2024	Ac	#	21	#N/A		26	#N/A	#N/A	#N/A	#N/A	10153235	5
2/27/2024	Ac	#	21	#N/A		26	#N/A	#N/A	#N/A	#N/A	10514668	6
2/27/2024	Ac	#	21	#N/A		25	#N/A	#N/A	#N/A	#N/A	10515523	7
2/27/2024	Ac	#	21	#N/A		26	#N/A	#N/A	#N/A	#N/A	10151943	8
2/27/2024	Ac	#	21	#N/A		25	#N/A	#N/A	#N/A	#N/A	10572001	9
2/27/2024	Ac	#	21	#N/A	#N/	/Α	#N/A	#N/A	#N/A	#N/A	10153003	10
2/27/2024	Ac	#	21	#N/A		25	#N/A	#N/A	#N/A	#N/A	10151813	11
2/27/2024	Ac	#	21	26	#N/	/Α	#N/A	#N/A	#N/A	#N/A	10518706	12
2/27/2024	Ac	#	21	25	#N/	Α/	#N/A	#N/A	#N/A	#N/A	10581961	13
2/24/2024	Nc	#	#N/A	25		25	#N/A	#N/A	#N/A	#N/A	10153245	14
1/13/2024	Ac	#	8	#N/A		80	26	#N/A	#N/A	#N/A	10956508	15
1/13/2024	Ac	#	8	#N/A		26	#N/A	#N/A	#N/A	#N/A	10539799	16

#### Column DD: #NA Not in CalARP

Whereas a number Existing CalARP site

> 27th California Unified Program Annual Training Conference March 24-27, 2025

CALIFORNIA CUPA FORUM

## Magic—I don't think it means what...

CV	С	w c	c <mark>c</mark>	DA	DBD	DD	DE	DF	DG	DH	
246	2	47 5	55 2	0.0010	.00.0	0					
ChemicalD 🔽	Additi			nitted 👻	<b>~ ~</b>	matc 👻	j cas 👻	ce 1 💌	ci 2 👻	cm 3 👻	cq
	₽↓	<u>S</u> ort Sma	lest to L	argest			#N/A	31	#N/A	#N/A	#
	₹↓	S <u>o</u> rt Larg	est to Sm	nallest			#N/A	26	#N/A	#N/A	#
		Sor <u>t</u> by C	olor			•	#N/A	26	#N/A	#N/A	ŧ
		Clear Filt	er From '	'match"			#N/A	25	#N/A	#N/A	ŧ
leated Copper		Filter by (					#N/A	26	#N/A	#N/A	‡
							#N/A	25	#N/A	#N/A	1
		Number	liters			*	#N/A	#N/A	#N/A	#N/A	1
		n/				$\times$	#N/A	25	#N/A	#N/A	‡
				earch Resu			26	#N/A	#N/A	#N/A	#
		Ad		t selection	to filte	r	25	#N/A	#N/A	#N/A	1
No Longer In Us	se		~				25	25	#N/A	#N/A	1
							#N/A	80	26	#N/A	1
							#N/A	26	#N/A	#N/A	1
							#N/A	80	26	#N/A	#
							#N/A	80	26	#N/A	#
							#N/A	80	26	#N/A	#
							#N/A	80	26	#N/A	‡
				OK	c	ancel	#N/A	15	,	#N/A	#
CALIFORNIA			17				25	25	#N/A	#N/A	ŧ

#### Filter Column DD #NA Not in CalARP

#### **Final List**

#### Where's Wally?



https://en.wikipedia.org/wiki/Where%27s\_Wally%3F

	G	Н		J	S	IU	V	W	BA	BB	BC	BD	BE	BZ	CA	CB	CC	CD	CE	CI	DC	טט	
	Cł	nemical Identification	on													На	zardous Com	pone	nt Informati	ion			
	0	207*	208	209	211	11	214*	215	217	218*	219	220	221*	224	225	226	227	228	229	244	.00		
me	· 🖵 I	CommonName 👻	EHS 👻	CASNumb -	HM1 -	57	Phy -	LargestC -	Average 👻	Maximu 🗊	Ann 👻	Stat 👻	Unit 🗸	Stor -	Stor 👻	H( 🖵	HC1Name 👻	H( -	HC1CAS 👻	H( -	-	matc 🖵	jc
-	dro: I	SA0119 Ammoniur	N		b	N	b	330	330	1320	0		a	a	a	30	Ammonium ł	N	1336-21-6		#	#N/A	#
	nide	Potassium Cyanide	Y	151-50-8	а	N	а	27	27	750	0		с	а	a	100	Potassium Cy	Y	151-50-8		#	#N/A	
	drox N	A135 - Aqua Ammo	N	1336-21-6	b	Ν	b	55	275	495			а	а	a	30	Ammonia	N	7664-41-7		#	#N/A	
or a	EARN	CADMIUM STEARA	N	2223-93-0	а	Ν	a	50	300	600			с	а	a						#	#N/A	
	droxi	Ammonium Hydro	N	1336-21-6	а	Ν	b	55	20	1500		122	а	а	a			N			#	#N/A	
ati	ng - N	Cadmium Plating -	Y	143-33-9	b	Ν	b	1672	1672	1672			с	а	a	4	Cadmium	N	7440-43-9	N	#	#N/A	
nid	e M	Sodium Cyanide	Y	143-33-9	а	Ν	а	110	110	110		181	с	а	a	100	Sodium Cyan	Y	143-33-9		#	#N/A	
	P	810431 Durite SC 1	Y	Mixture	b	٢	b	55	20000	51360	0		с	а	с	25	Phenol	Y	108-95-2		#	#N/A	
	P	AX-PS Axiom Phen	Y	Mixture	b	٢	b	55	10500	12500			с	а	a	25	Phenol	Y	108-95-2		#	#N/A	
t R	P 65 N	810138 Exolit RP 65	Y	Mixture	b	٢	b	55	500	2064			с	а	a	49	Red phospho	Y	7723-14-0		#	#N/A	
A	rylic	Aqueous coating	N		b	Ν	b	55	600	1375	220	135	а	а	a	51	Ammoniom H	N	1336-21-6		#	#N/A	#

is your friend



### **Almost Finally**

# The final list must then be sorted to group all the RS by CERS

#### You may also wish to "risk rank" or Pick the least controversial

Hint—don't pick flammables (see safer communities act...)



#### Let's let someone else talk

FORUM

4	A	В	С	D	E	F	GHI	J K	L	M	N	O F	PQF	RST	υv	M I	X Y	Z AA	AB	AC	AD	AE	A AG	AH
1	Total Amount	Found on Site	TQ	Busi	i Facil	CERSID	CCN	ChemicalName	Tra	CommonName	EHS	CASNumber	F S 1	TFF	SS	E HI	ИТуR	C Physi	LargestCon	AverageDa	Maximum	Annual\	S Units	Day
													Π											
		605 gallons (10 percent concentration,																						
		so it is less than 20 percent, not																						
		applicable in table 1.) = 605 gallon x																						
		7.75 lbs/gal = 4650 lbs x 10 percent =																						
2	465 lbs	465 lbs. so this should be ok?	50	0 5 Mi	i 5 Mi	10176367	CN	Ammonium Hydroxid	N	Aqua Ammonia	N	1336-21-6				b	N	b	400	302	605		а	### 1
													Π											
		6k gal = ~ (6000 gal x 7.75 lbs/gal) =																						
3	4,650 lbs	46,500 lbs x 10 percent = 4,650 lbs	50	0 Thu	Thu	10176915	Pr(F	ig Ammonium Hydroxid	N	Aqua Ammonia	N	1336-21-6	Ш			b	N	b	6,000	5,000	6,000		а	## `
		440 gals x 7.75 lbs/gal = 3,410 lbs x 29.9																						
4	1,019 lbs	percent = 1,019 lbs	50	) Pres	Pres	10177703	Cano	Ammonia Solution F.C	Ν	Aqua ammonia	N	1336-21-6				b	N	b	55	110	440		а	###
5	3486 lbs	~ 3486 lbs (600 x 8.3 x .7)	50	) Aen	Aem	10178023	٧N	Ammonium Hydroxid	Ν	Ammonium Hydro	N	1336-21-6				а	N	b	300	450	600	0	1a	## 1
6	900 lbs	900 lbs > 500	50	D Del	Dell	10178949	ENC	- Anhydrous Ammonia	N	Ammonia	Y	7664-41-7				а	N	с	150	450	900		1c	###
7		Inventory entered twice?	50	D Del	Del I	10178949	ENC	- Anhydrous Ammonia	N	Ammonia	Y	7664-41-7	T			а	N	с	150	450	900		1c	##
8	900 lbs	900 lbs > 500	50	) Paci	Paci	10765936	RN	Anhydrous Ammonia	N	Ammonia	Y	7664-41-7	Π			а	N	с	300	600	900		1c	,

A	В	С	DE	F	GH I J	К	L	м	Ν	0	PCR	STU	/w x	YZ AA	AB	AC	AD	AE	A AG	Ał	
1 Total Amount	Notes	TQ	Busi Fac	CERSID	CCNG	ChemicalName	Tra	CommonName	EHS	CASNumber	PST	FFS	S E HIV	1Ty R C Phys	i LargestCon	AverageDa	Maximum	Annual\	S Units	Di	
14	<100 microns)	10/10,000	Vall St	acility/Site Nar	ne	henadione	Ν	Kaput-D	Y	82-66-6			а	N a	0	2,440	4,880		с	##	
	600 lbs > 500 lbs (if in powder form			The name of the																	
15 600 lbs	<100 micron)	500/10,00		acility/site. For		<sup>ses</sup> thomyl	Ν	Lannate 90sp	Y	16752-77-5			b	N a	10	600	600		с	##	
	600 lbs > 500 lbs (if in powder form			eporting on onl acility, the busi		1														T	
16 600 lbs	<100 micron)	500/10,00	Wes W 1	acility name are			N	Dimethoate 4EC /	۷	60-51-5			b	N b	3	250	600		с	##	
17 924 Lbs	924 Lbs > 500 lbs	500	) Salic Sa	he same.		minum Phosphide	N	Weevil-Cide Table	Y	20859-73-8			b	Na	3	250	924		с	##	
	~ 14,612 lbs (345,000 cub ft / 23.61 cu																			$\Box$	
18 14,612 lbs	ft/lbs)	10,000	City City	10178361	# N	Methane		Compressed Natu	r N	74-82-8			а	NC	245,000	345,000	345,000		b	##	
19 2,880 lbs	2,880 lbs > 100	100	Rani Ran	10178827	CN	Chlorine		Chlorine	Y	7782-50-5			b	N b	2,880	100	2,880		с	##	
20 355,000 lbs	355,000 lbs (100,000 gal x 3.55 lbs/gal)	10,000	Stan Sta	10178885	South	Methane	Ν	Natural Gas	N	74-82-8			b	NC		50,000	100,000		а		
21 750 lbs	750 lbs > 500	500	Del Del	10178949	CNC-:	Peroxyacetic Acid	Ν	Perasan A	Y	79-21-0			а	N b	330	232	750		с	##	
730 105	Inventory entered twice	500	Del Del	10178949	CNC-:	Peroxyacetic Acid	Ν	Perasan A	Y	79-21-0			а	N b	220	222	750		-		
	21,000 lbs > 10,000	10,000	Lind Mo	10178955	South	ACETLYENE		ACETLYENE	Y	74-86-2			а		27th California Unified Program						
	> 100	100	) Tige Tige	10178965	North	Hydrofluoric Acid		Hydrofluoric Acid	Y	7664-39-3			а								
CALIFORNIA		500	Hyd Hyd	10179179	CN	Peroxyacetic Acid		Peroxyacetic Acid	Y	79-21-0			b	Annual Training Conference							
		500	The Geo	10179643	EN	Formaldehyde	Ν	Formaldehyde	N	50-00-0		Ш	а	March 24-27, 2025							

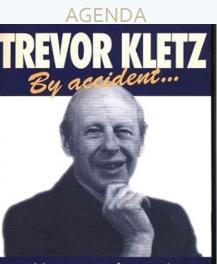
#### It's Marco

Alvin Lalalal@envres.orgMarco Escobedomescobedo@ocha.comAlvin Dongalvin.dong@lacity.orgMinh Leminh.u.le@lacity.org





"What you don't have, can't leak..."



...a life preventing them in industry with a foreword by SIR JOHN HARVEY-JONES "Organisations have no memory..."

"Try to change situations, not people..."

is your friend

