



BASIC TUTORIAL

Ed Yu

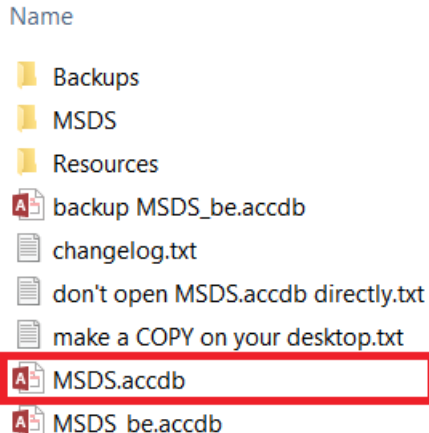


USES

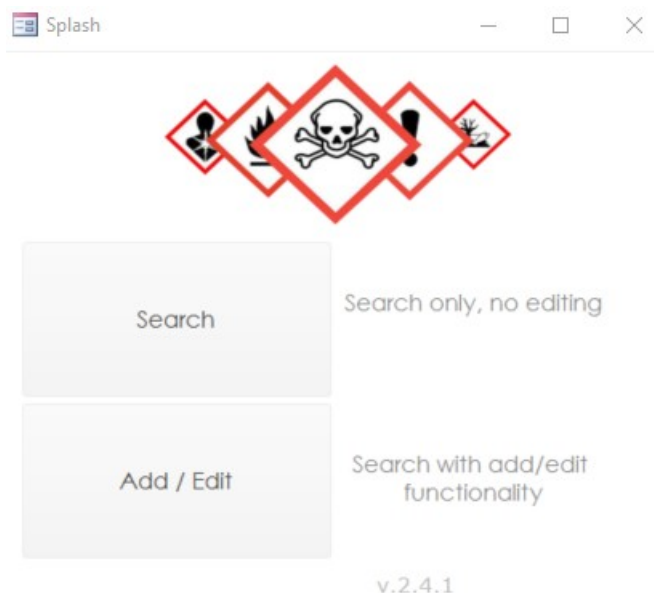
- **Complete lab inventory**
 - Use the SDS database to verify whether a chemical is located in the lab or not
 - Where the chemical is located
 - Hazards associated with the chemical

- Received a new chemical? Place SDS into “SDS Drop-off” in S.Hecht’s office
 - date received
 - location(s) of storage
 - e.g. “Lab 107” or “Lab 107, under sink”
 - Supplier
 - Include Technical Data Sheet if available
- If SDS not included...
 - lookup chemical on manufacturer website
 - print SDS and proceed as above
 - Full name of chemical + CAS number, synonyms, etc
 - include above information & drop off
 - Still can’t find it?
 - Use Chemwatch or ask S.Hecht to use it

- Access the MSDS database directory
 - [X:\ASUS\Dublin\cas-j\0 - Yu\MSDS Access](#)
- Make a **copy** of the file on your desktop
 - MSDS.accdb

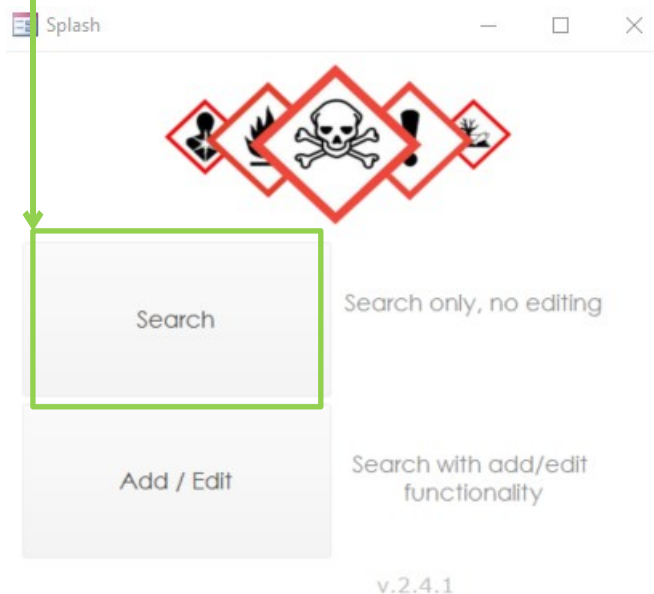


- Initial startup may prompt something
 - Accept the prompt, allow the database access to the computer or whatever it asks for
- Select search or add/edit from the splash screen
 - Search: for searching only
 - Add / Edit: to edit or add SDS entries



SEARCH

- Let's start with SEARCH
 - Click the Search button



SEARCH

ASKCHEMICALS
We advance your casting



MSDS : Database- C:\Users\yue\Desktop\MSDS.accdb (Access 2007 - 2016 file format) - Access

File Home Create External Data Database Tools Tell me what you want to do... Yu, Edward

Views Clipboard Sort & Filter Records Find Text Formatting

All Access Objects

Search...

Tables

- tblChem-Hazard
- tblChemicals
- tblChem-Location
- tblHazard
- tblLocations
- tblYesNo

Queries

- Find duplicates for tblChemicals
- qryAllChemicals

Forms

- 0-Splash
- 1-Search Chemical
- 2-Add/Edit Chemical

Search Chemical

ID	Name	MSDS	Company	Received	TDS	CAS
194	Aluminum Fluoride Trihydrate, 97%	<input checked="" type="checkbox"/>	SigmaAldrich	04/23/2004	<input type="checkbox"/>	
195	Aluminum Hydroxide, dried gel, 99%	<input checked="" type="checkbox"/>	Strem Chemicals Inc	09/16/2004	<input type="checkbox"/>	
196	Aluminum magnesium powder, 60x325 mesh, 50/50 grade (Aluminum Magnesium)	<input checked="" type="checkbox"/>	Chemalloy Co Inc	05/01/2011	<input type="checkbox"/>	
197	Aluminum Oleate	<input checked="" type="checkbox"/>	Pfaltz & Bauer Inc	01/10/2007	<input type="checkbox"/>	
198	Aluminum Oxide, 99.99%	<input checked="" type="checkbox"/>	Fisher	03/04/2004	<input type="checkbox"/>	
199	Aluminum Phenol Sulfonate Tech	<input checked="" type="checkbox"/>	Pfaltz and Bauer Inc	05/24/2011	<input type="checkbox"/>	
200	Aluminum Stearate	<input checked="" type="checkbox"/>	Alfa Aesar	05/09/2007	<input type="checkbox"/>	
201	Aluminum Titanium Oxide	<input checked="" type="checkbox"/>	Alfa Aesar	08/26/2004	<input type="checkbox"/>	
206	Aluminum, powder, 99.97%	<input checked="" type="checkbox"/>	Fisher	03/18/2003	<input type="checkbox"/>	
212	Ammonium Acetate	<input checked="" type="checkbox"/>	Fisher	03/18/2003	<input type="checkbox"/>	
213	Ammonium Bifluoride, Crystalline	<input checked="" type="checkbox"/>	Fisher	03/26/2001	<input type="checkbox"/>	
215	Ammonium Bromide	<input checked="" type="checkbox"/>	Fisher	03/18/2003	<input type="checkbox"/>	
216	Ammonium Carbonate	<input checked="" type="checkbox"/>	Fisher	03/18/2003	<input type="checkbox"/>	
217	Ammonium Chloride, 99.5+%, ACS reagent	<input checked="" type="checkbox"/>	SigmaAldrich	04/11/2004	<input type="checkbox"/>	
219	Ammonium Citrate, dibasic	<input checked="" type="checkbox"/>	SigmaAldrich	01/26/2006	<input type="checkbox"/>	
220	Ammonium Citrate, tribasic, 98%	<input checked="" type="checkbox"/>	SigmaAldrich	01/30/2006	<input type="checkbox"/>	
223	Ammonium Iodide, ACS Reagent	<input checked="" type="checkbox"/>	SigmaAldrich	04/27/2005	<input type="checkbox"/>	
224	Ammonium Molybdate (para), ACS 81-83% as MoO3	<input checked="" type="checkbox"/>	Alfa Aesar	08/26/2004	<input type="checkbox"/>	
227	Ammonium Oxalate	<input checked="" type="checkbox"/>	JT Baker	05/08/2003	<input type="checkbox"/>	
231	Ammonium Sulfate	<input checked="" type="checkbox"/>	SigmaAldrich	02/01/2006	<input type="checkbox"/>	
232	Ammonium Thiosulfate Pure	<input checked="" type="checkbox"/>	SigmaAldrich	02/01/2006	<input type="checkbox"/>	
2529	E-Pure MSA (methane sulfonic acid)	<input checked="" type="checkbox"/>	Arkema	03/15/2015	<input type="checkbox"/>	75-75-2
240	Aniline	<input checked="" type="checkbox"/>	SigmaAldrich	02/24/2009	<input type="checkbox"/>	
241	Antifoam Agent A	<input checked="" type="checkbox"/>	Ashland	05/22/2007	<input type="checkbox"/>	
242	Antimony	<input checked="" type="checkbox"/>	Fisher	03/04/2004	<input type="checkbox"/>	
255	Argon, pressurized cylinder	<input checked="" type="checkbox"/>	Airgas Inc	03/30/2005	<input type="checkbox"/>	
267	Aromatic 150 ULN Fluid (Solvesso 150 Fluid)	<input checked="" type="checkbox"/>	ExxonMobil Chemical Company	09/13/2010	<input type="checkbox"/>	64742-94-5
268	Aromatic 200 Fluid (Solvesso 200 Fluid, A200, HiSol 200)	<input checked="" type="checkbox"/>	ExxonMobil Chemical Company	12/19/2014	<input type="checkbox"/>	64742-94-5
271	Aromatic 200ND Fluid	<input checked="" type="checkbox"/>	ExxonMobil Chemical Company	12/03/2013	<input type="checkbox"/>	64742-94-5
272	Aromatic A200ND (Atozol 200ND)	<input checked="" type="checkbox"/>	Total Petrochemicals INC	02/24/2012	<input type="checkbox"/>	

Search by Name SDS TDS ACGIH MOSH v.2.4.0

ID	Location	Location notes
213	L-111,113 [Acids & Coatings]	
(New)		

Record: 1 of 1 No Filter Search

ID	Hazard	Hazard notes
213	Corrosion	Acid
2675	Skull & crossbones	
(New)		

Record: 1 of 2 No Filter Search

Form View

Num Lock

SEARCH



MSDS : Database- C:\Users\yue\Desktop\MSDS.accdb (Access 2007 - 2016 file format) - Access

File Home Create External Data Database Tools Tell me what you want to do...

Views Clipboard Filter Sort & Filter Records Find Text Formatting

All Access Objects

Search...

Tables

- tblChem-Hazard
- tblChemicals
- tblChem-Location
- tblHazard
- tblLocations
- tblResNo

Queries

- Find duplicates for tblChemicals

Forms

- 0-Splash
- 1-Search Chemical
- 2-Add/Edit Chemical

Search Chemical

ID	Name	MSDS	Company	Received	TDS	CAS
194	Aluminum Fluoride Trihydrate, 97%		SigmaAldrich	04/23/2004		
195	Aluminum Hydroxide, dried gel, 99%		Strem Chemicals Inc	09/16/2004		
196	Aluminum magnesium powder, 60x325 mesh, 50/50 grade (Aluminum Magnesi		ChemaIloy Co Inc	05/01/2011		
197	Aluminum Oleate		Pfaltz & Bauer Inc	01/10/2007		
198	Aluminum Oxide, 99.99%		Pfaltz and Bauer Inc	03/04/2004		
199	Aluminum Phenol Sulfonate Tech		Alfa Aesar	05/24/2011		
200	Aluminum Stearate		Alfa Aesar	05/09/2007		
201	Aluminum Titanium Oxide		Alfa Aesar	08/26/2004		
206	Aluminum, powder, 99.97%		Fisher	03/18/2003		
212	Ammonium Acetate		Fisher	03/18/2003		
213	Ammonium Bifluoride, Crystalline		Fisher	03/26/2001		
215	Ammonium Bromide		Fisher	03/18/2003		
216	Ammonium Carbonate		Fisher	03/18/2003		
217	Ammonium Chloride, 99.5+%, ACS reagent		SigmaAldrich	04/11/2004		
219	Ammonium Citrate, dibasic		SigmaAldrich	01/26/2006		
220	Ammonium Citrate, tribasic, 98%		SigmaAldrich	01/30/2006		
223	Ammonium Iodide, ACS Reagent		SigmaAldrich	04/27/2005		
224	Ammonium Molybdate (para), ACS 81-83% as MoO3		Alfa Aesar	08/26/2004		
227	Ammonium Oxalate		JT Baker	05/08/2003		
231	Ammonium Sulfate		SigmaAldrich	02/01/2006		
232	Ammonium Thiosulfate Pure		SigmaAldrich	02/01/2006		
2529	E-Pure MSA (methane sulfonic acid)		Arkema	03/04/2004		
240	Aniline		SigmaAldrich	02/24/2009		
241	Antifoam		Ashland	03/30/2005		
242	Antimony		Fisher	09/13/2010		64742-94-5
255	Argon, pressurized cylinder		Airgas Inc	12/19/2014		64742-94-5
267	Aromatic 150 ULN Fluid (Solvesso 150 Fluid)		ExxonMobil Chemical Company	12/03/2013		64742-94-5
268	Aromatic 200 Fluid (Solvesso 200 Fluid, A200, HiSol 200)		ExxonMobil Chemical Company	07/24/2012		
271	Aromatic 200ND Fluid		Total Petrochemicals INC			
272	Aromatic 200ND (Arosol 200ND)					

Open SDS, if available

OSHA quick card

Open TDS, if available

Open ACGIH or NIOSH documents

Search bar

Search by Name

SDS

TDS

ACGIH

NIOSH

V.2.4.0

ID	Location	Location notes
213	L-111,113 [Acids & Coatings]	
(New)		

Record: 1 of 1

Record: 110 of 1563

ID	Hazard	Hazard notes
213	Corrosion	Acid
2675	Skull & crossbones	
(New)		

Record: 1 of 2

Form View

Num Lock

SEARCH



MSDS : Database- C:\Users\yue\Desktop\MSDS.accdb (Access 2007 - 2016 file format) - Access

File Home Create External Data Database Tools Tell me what you want to do... Yu, Edward

View Paste Cut Copy Format Painter Filter Sort & Filter Records Find Text Formatting

All Access Objects

Search...

Tables

- tblChem-Hazard
- tblChemicals
- tblChem-Location
- tblHazard
- tblLocations
- tblYesNo

Queries

- Find duplicates for tblChemicals
- qryAllChemicals

Forms

- 0-Splash
- 1-Search Chemical
- 2-Add/Edit Chemical

ID	Name	MSDS	Company	Received	TDS	CAS
132	Acetone, 99.5% [2-Propanone]	<input checked="" type="checkbox"/>	Ashland	12/29/2005	<input type="checkbox"/>	
3134	dihydroxy acetone dimer	<input checked="" type="checkbox"/>		08/01/2018	<input type="checkbox"/>	
2835	Diacetone Alcohol	<input checked="" type="checkbox"/>	Acros Organics	01/05/2015	<input type="checkbox"/>	123-42-2

Search by Name SDS TDS

ACGIH MOSH v.2.4.0

ID	Location	Location notes
132	L-101 [Synthesis & GC-MS]	
2469	L-103 [QA]	
2470	L-105:109 [Coatings]	
2471	L-111,113 [Acids & Coatings]	
2473	L-135 [No Bake & Misc.]	
2475	L-147,149 [Furan]	
2476	L-151 [Peroxides]	
2477	L-147,149 [Furan]	

Record: 1 of 10 No Filter Search

ID	Hazard	Hazard notes
132	Flame	
2570	Exclamation mark	
*	(New)	

Record: 1 of 2 No Filter Search

Form View Num Lock Filtered

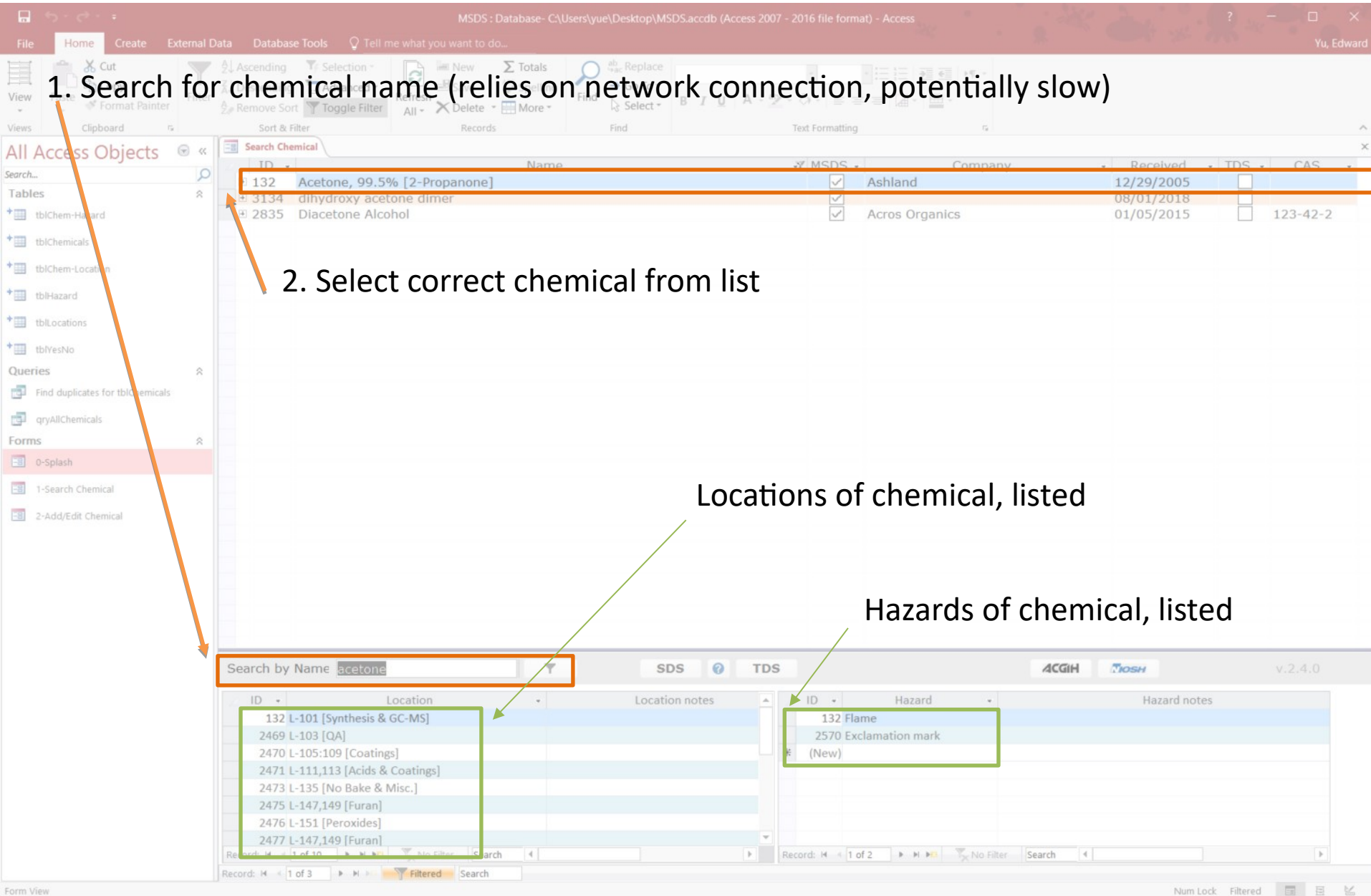
SEARCH

1. Search for chemical name (relies on network connection, potentially slow)

2. Select correct chemical from list

Locations of chemical, listed

Hazards of chemical, listed



The screenshot displays the ASKCHEMICALS software interface. The top window shows a search results table for 'acetone'. The bottom window shows the 'Search by Name' field with 'acetone' entered, and two lists: 'Locations of chemical, listed' and 'Hazards of chemical, listed'.

Search Results Table (Top Window):

ID	Name	MSDS	Company	Received	TDS	CAS
132	Acetone, 99.5% [2-Propanone]	<input checked="" type="checkbox"/>	Ashland	12/29/2005	<input type="checkbox"/>	
3134	dihydroxy acetone dimer	<input checked="" type="checkbox"/>		08/01/2018	<input type="checkbox"/>	
2835	Diacetone Alcohol	<input checked="" type="checkbox"/>	Acros Organics	01/05/2015	<input type="checkbox"/>	123-42-2

Search by Name: acetone

Locations of chemical, listed:

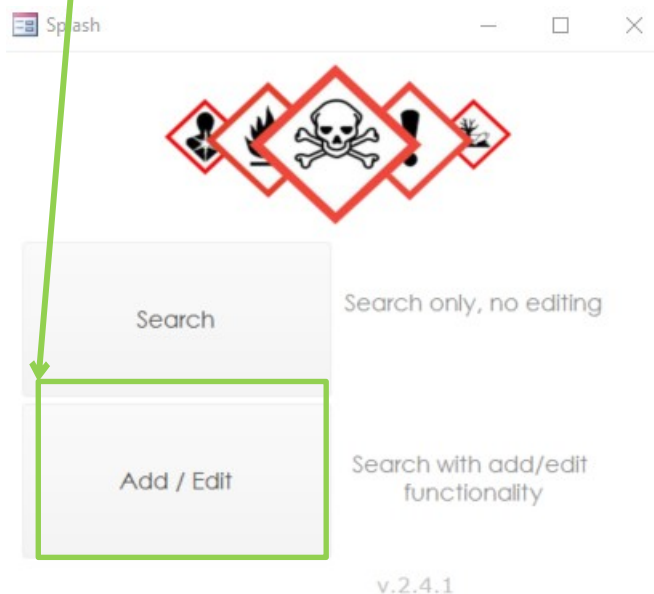
ID	Location	Location notes
132	L-101 [Synthesis & GC-MS]	
2469	L-103 [QA]	
2470	L-105:109 [Coatings]	
2471	L-111,113 [Acids & Coatings]	
2473	L-135 [No Bake & Misc.]	
2475	L-147,149 [Furan]	
2476	L-151 [Peroxides]	
2477	L-147,149 [Furan]	

Hazards of chemical, listed:

ID	Hazard	Hazard notes
132	Flame	
2570	Exclamation mark	
(New)		

ADD / EDIT

- New chemical? Need to edit an old chemical?
 - Click the Add / Edit button



TUTORIAL – ADD/EDIT



MSDS : Database- C:\Users\yue\Desktop\MSDS.accdb (Access 2007 - 2016 file format) - Access

File Home Create External Data Database Tools Tell me what you want to do...

View Paste Copy Cut Filter Ascending Descending Selection Advanced Refresh All Save New Totals Replace Go To Verdana 10

Search Chemical Add/Edit Chemical

All Access Objects

Search...

Tables

- tblChem-Hazard
- tblChemicals
- tblChem-Location
- tblHazard
- tblLocations
- tblYesNo

Queries

- Find duplicates for tblChemicals
- qryAllChemicals

Forms

- 0-Splash
- 1-Search Chemical
- 2-Add/Edit Chemical

ID

3142	Genocure * TPO (Diphenyl(2,4
3141	1,6-Hexanediol
3140	Ammonium Hydroxide 25-30%
3139	Phenol Synthetic-off spec?
3138	Polyethylene glycol 300
3137	Carbores P, Coal Tar Pitch
3136	boron trifluoride-phenol comp
3135	N,N-Diglycidyl-4-glycidyloxy
3134	dihydroxy acetone dimer
3133	hexanal
3132	glycidyl methacrylate
3131	pyridine carboxaldehyde
3130	Glutaraldehyde Solution
3129	isoprene
3128	glutaric dialdehyde [Glutaraldehyde]
3127	lecithin
3126	vinyl acetate
3125	1,3 diisopropenyl benzene
3124	1,5 diisopropenyl benzene

Total

Record: 12 of 1563

Unfiltered

Search

New (blank) record

If you need to add a new chemical,
Click the “New (blank) record” button

Search by Name

ID

3131

Location

Name

pyridine carboxaldehyde

Company

Received

08/01/2018

Hazard

MSDS

☒ 3131.pdf

TDS

☐

CAS

Record: 12 of 1563

Unfiltered

Search

ID

3781

Location

L-111,113 [Acids & Coatings]

Location notes

fridge

(New)

Record: 1 of 1

No Filter

Search

ID

3983

Hazard

Exclamation mark

Hazard notes

(New)

Record: 1 of 1

No Filter

Search

TUTORIAL – ADD/EDIT

MSDS : Database- C:\Users\yue\Desktop\MSDS.accdb (Access 2007 - 2016 file format) - Access

File Home Create External Data Database Tools Tell me what you want to do...

View Paste Cut Copy Format Painter Views Clipboard

Sort & Filter

Ascending Descending Selection Advanced Refresh All Delete

New Save Replace Spelling Go To

Verdana 10

All Access Objects

Search...

Tables

- tblChem-Hazard
- tblChemicals
- tblChem-Location
- tblHazard
- tblLocations
- tblYesNo

Queries

- Find duplicates for tblChemicals
- qryAllChemicals

Forms

- 0-Splash
- 1-Search Chemical
- 2-Add/Edit Chemical

Search Chemical Add/Edit Chemical

ID

3142	Genocure * TPO (Diphenyl(2,4
3141	1,6-Hexanediol
3140	Ammonium Hydroxide 25-30%
3139	Phenol Synthetic-off spec?
3138	Polyethylene glycol 300
3137	Carbores P, Coal Tar Pitch
3136	boron trifluoride-phenol comp
3135	N,N-Diglycidyl-4-glycidyloxy
3134	dihydroxy acetone dimer
3133	hexanal
3132	glycidyl methacrylate
3131	pyridine carboxaldehyde
3130	Glutaraldehyde Solution
3129	isoprene
3128	glutaric aldehyde [Glutaraldehyde]
3127	lecithin
3126	vinyl acetate
3125	1,3 diisopropenyl benzene
3124	1,5 diisopropyl benzene

Total

TDS CAS

Record: 12 of 1563

Unfiltered Search

New (blank) record

Search by Name

ID 3131 Location

Name pyridine carboxaldehyde

Company

Received 08/01/2018 Hazard

MSDS ☒ 3131.pdf

TDS ☐

CAS

ID Location Location notes

3781	L-111,113 [Acids & Coatings]	fridge
(New)		

Record: 1 of 1

ID Hazard Hazard notes

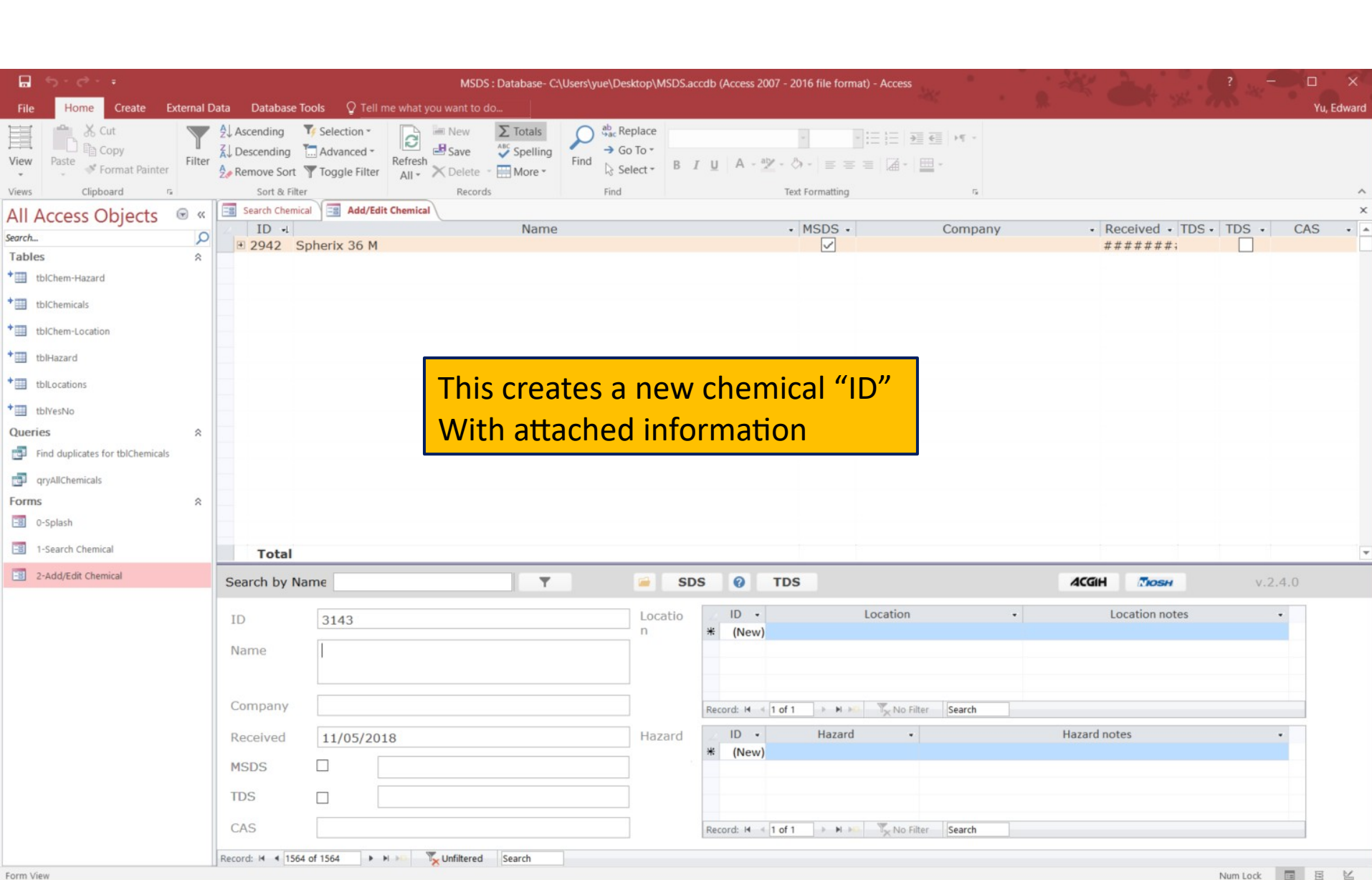
3983	Exclamation mark	
(New)		

Record: 1 of 1

Form View

Num Lock

TUTORIAL – ADD/EDIT



The screenshot displays the Microsoft Access application window for a database named 'MSDS : Database- C:\Users\yue\Desktop\MSDS.accdb (Access 2007 - 2016 file format) - Access'. The interface includes a ribbon with tabs like File, Home, Create, External Data, and Database Tools. A left-hand pane shows 'All Access Objects' with categories for Tables, Queries, and Forms. The main area is divided into two sections. The top section, titled 'Add/Edit Chemical', shows a table with columns: ID, Name, MSDS, Company, Received, TDS, TDS, and CAS. A record with ID 2942 and Name 'Spherix 36 M' is highlighted. The bottom section is a form titled 'Form View' for adding or editing chemical information. It contains input fields for ID (3143), Name, Company, Received (11/05/2018), MSDS, TDS, and CAS. There are also checkboxes for MSDS and TDS. The form includes sections for 'Location' and 'Hazard' with dropdown menus and text areas for notes. The status bar at the bottom indicates 'Record: 1564 of 1564' and 'Unfiltered'.

MSDS : Database- C:\Users\yue\Desktop\MSDS.accdb (Access 2007 - 2016 file format) - Access

File Home Create External Data Database Tools Tell me what you want to do...

View Paste Cut Copy Format Painter Filter Ascending Selection Refresh Save Spelling Find Replace Go To Select Text Formatting

All Access Objects

Search...

Tables

- tblChem-Hazard
- tblChemicals
- tblChem-Location
- tblHazard
- tblLocations
- tblYesNo

Queries

- Find duplicates for tblChemicals
- qryAllChemicals

Forms

- 0-Splash
- 1-Search Chemical
- 2-Add/Edit Chemical

Search Chemical Add/Edit Chemical

ID	Name	MSDS	Company	Received	TDS	TDS	CAS
2942	Spherix 36 M	<input checked="" type="checkbox"/>		#####	<input type="checkbox"/>		

This creates a new chemical "ID" With attached information

Total

Search by Name

ID: 3143 Location: n

Name:

Company:

Received: 11/05/2018 Hazard:

MSDS: ☐

TDS: ☐

CAS:

Record: 1564 of 1564 Unfiltered Search

ACGIH MOSH v.2.4.0

ID	Location	Location notes
*(New)		

Record: 1 of 1 No Filter Search

ID	Hazard	Hazard notes
*(New)		

Record: 1 of 1 No Filter Search

Form View

Num Lock

TUTORIAL – ADD/EDIT

MSDS : Database- C:\Users\yue\Desktop\MSDS.accdb (Access 2007 - 2016 file format) - Access

File Home Create External Data Database Tools Tell me what you want to do...

Views Clipboard Sort & Filter Records Find Text Formatting

All Access Objects

Search...

Tables

- tblChem-Hazard
- tblChemicals
- tblChem-Location
- tblHazard
- tblLocations
- tblYesNo

Queries

- Find duplicates for tblChemicals
- qryAllChemicals

Forms

- 0-Splash
- 1-Search Chemical
- 2-Add/Edit Chemical

Search Chemical Add/Edit Chemical

ID	Name
2942	Spherix 36 M

Fill in appropriate information

ID: automatically generated

Name: chemical name, any synonyms

Company: manufacturer

Received: current date automatically generated, change if needed

CAS: enter CAS number if available

Search by Name

ID 3143

Name

Company

Received 11/05/2018

MSDS ☐

TDS ☐

CAS

Location

Hazard

Record: 1 of 1

Unfiltered Search

ACGIH TDS v.2.4.0

ID	Location	Location notes
*(New)		

Record: 1 of 1

ID	Hazard	Hazard notes
*(New)		

Record: 1 of 1

Form View

Num Lock

TUTORIAL – ADD/EDIT

MSDS : Database- C:\Users\yue\Desktop\MSDS.accdb (Access 2007 - 2016 file format) - Access

File Home Create External Data Database Tools Tell me what you want to do...

Views View Filter Sort & Filter Records Find Text Formatting

All Access Objects

Search...

Tables

- tblChem-Hazard
- tblChemicals
- tblChem-Location
- tblHazard
- tblLocations
- tblYesNo

Queries

- Find duplicates for tblChemicals
- qryAllChemicals

Forms

- 0-Splash
- 1-Search Chemical
- 2-Add/Edit Chemical

Search Chemical Add/Edit Chemical

ID	Name	MSDS	Company	Received	TDS	CAS
2942	Spherix 36 M	<input checked="" type="checkbox"/>		#####	<input type="checkbox"/>	

“Check” the proper boxes if needed

MSDS: check this box if MSDS will be attached

TDS: check this box if TDS will be attached

Total

Search by Name

ID: 3143

Name:

Company:

Received: 11/05/2018

MSDS: ☐

TDS: ☐

CAS:

Location:

Hazard:

ACGIH MOSH v.2.4.0

ID	Location	Location notes
*(New)		

Record: 1 of 1

ID	Hazard	Hazard notes
*(New)		

Record: 1 of 1

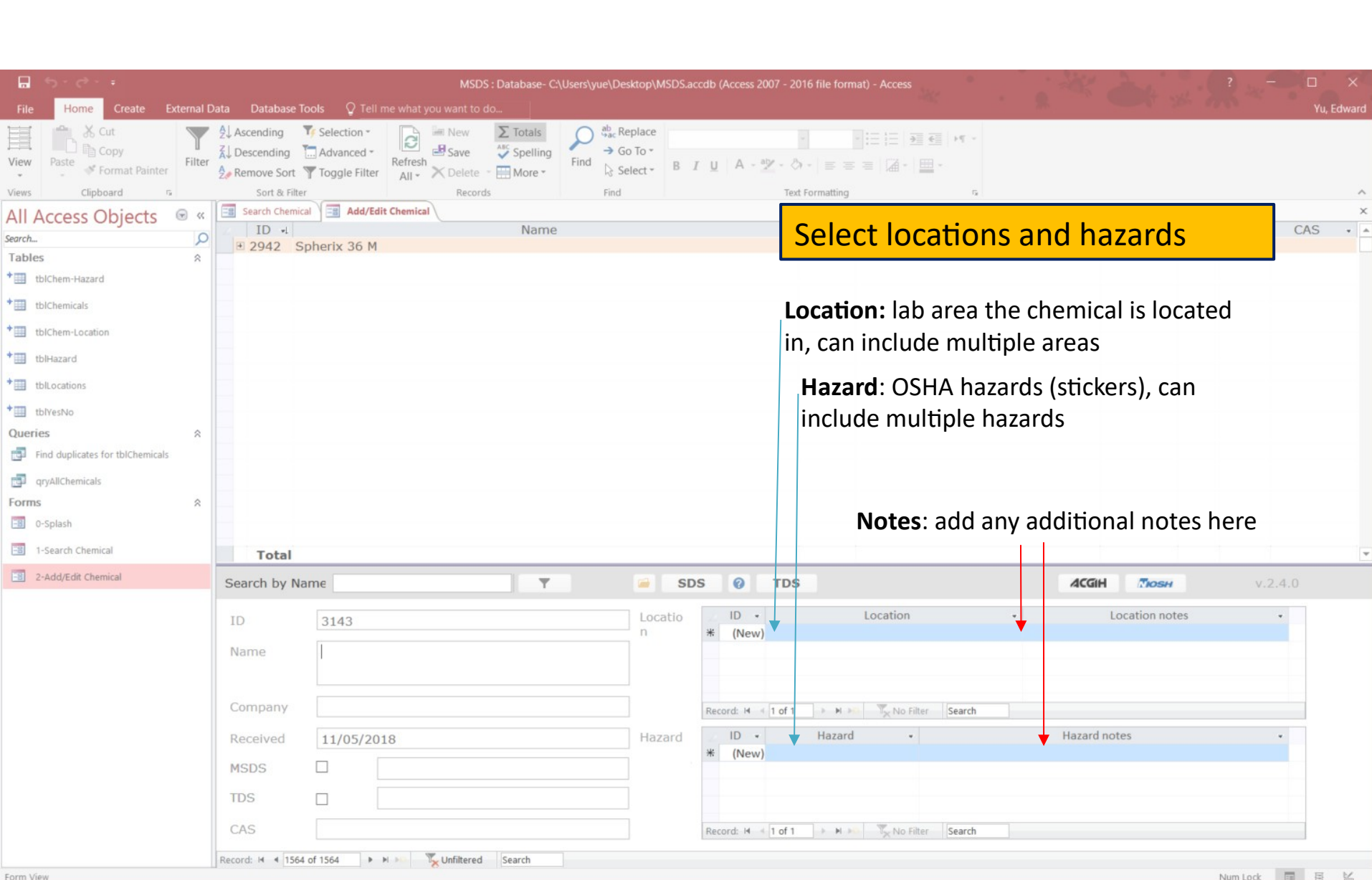
Record: 1564 of 1564

Unfiltered

Form View

Num Lock

TUTORIAL – ADD/EDIT



Select locations and hazards

Location: lab area the chemical is located in, can include multiple areas

Hazard: OSHA hazards (stickers), can include multiple hazards

Notes: add any additional notes here

The screenshot shows the 'Add/Edit Chemical' form in the ASKCHEMICALS software. The form is divided into several sections. On the left, there is a sidebar with 'All Access Objects' including Tables (tblChem-Hazard, tblChemicals, tblChem-Location, tblHazard, tblLocations, tblYesNo), Queries (Find duplicates for tblChemicals, qryAllChemicals), and Forms (0-Splash, 1-Search Chemical, 2-Add/Edit Chemical). The main form area has a 'Search Chemical' tab and an 'Add/Edit Chemical' tab. The 'Add/Edit Chemical' tab is active, showing a form with fields for ID (3143), Name, Company, Received (11/05/2018), MSDS, TDS, and CAS. Below these fields are two sections: 'Location' and 'Hazard'. Each section has a table with columns for ID, Name, and Location notes (for Location) or Hazard notes (for Hazard). The 'Location' table has one row with ID (New) and Location notes. The 'Hazard' table has one row with ID (New) and Hazard notes. Arrows point from the text annotations to the 'Location' and 'Hazard' sections. The bottom status bar shows 'Record: 1564 of 1564' and 'Unfiltered'.

ADD/EDIT - EXAMPLE

MSDS: Database- X:\ASUS\Dublin\cas-j\0 - Yu\MSDS Access\MSDS.accdb (Access 2007 - 2013 file format) - Access

HOME CREATE EXTERNAL DATA DATABASE TOOLS

Yu, Edward

Add/Edit Chemical

ID	Name	Company	Received	MSDS	MSDS filename
1	XSA 6130M83 [Chem-Rez Catalyst C7041]				
2	(Methylcyclopentadienyl) Manganese (I) tricarbonyl				
3	(R)- (+) - Limonene , 97%, 98% EE (GLC)				
4	1,1'-(Methylenedi-4,1-Phenylene) bis-Maleimide, 95%	SigmaAldrich	02/06/2006	Yes	4.pdf
5	1,1,2,2-Tetrachloroethane, reagent grade, 98%	SigmaAldrich	02/01/2006	Yes	5.pdf
6	1,10-Phenanthroline, 99+%	SigmaAldrich	03/06/2004	Yes	6.pdf
7	1,2,4-Trivinylcyclohexane, 98%, mixture of isomers				
8	1,3,5-Trioxan				
9	1,3-Butylene Glycol (1,3-Butanediol, 99%)				
10	1,3-Cyclohexanediol, 98%, mixture of cis and trans				
11	1,3-Dibutyl-2-Thiourea, 97%				
12	1,3-Dihydroxyacetone Dimer, 97%				
13	1,3-Diisopropenylbenzene, 97%				
14	1,3-Diphenylguanidine, 97%				
15	1,3-Propanediol, 98%				
16	1,4-Benzoquinone, 98%				
17	1,4-Cyclohexanedimethanol, 99%, mixture of cis and trans				
18	1,4-Dibromobenzene, 98%				
19	1,4-Dimethylpiperazine, 98%				
20	1,4-Pentadiene, 99%				
21	1,4-Phenylenediamine (para)				
22	1,5-Pentanediol				
23	1,6-Diaminohexane				
24	1,6-Hexanediol Diacrylate (HDDA)				
25	1,6-Hexanediol Diacrylate (HDDA)				
26	1,6-Hexanedithiol				
27	1,8-Diamino-p-Menthane, tech, 70%				
28	1,9-Decadiene, 98%				
29	12% Zirconium Hydro-Cem				
30	14.5% Zinc Nap-All Lube Grade				
31	18% Zinc Ten-Cem (Zinc Neodecanoate)				
32	18-Crown-6 (Ethylene Oxide Cyclic Hexamer), 99%				
33	1-Bromonaphthalene, 96% (contains max 2% 2-bromonaphthalene)				

Click "New (blank)" record

MSDS filename

Record: 1 of 2111

New (blank) record

Search

View

Alfa Aesar 01/22/2007 Yes 25.pdf

SigmaAldrich 08/11/2011 Yes 26.pdf

SigmaAldrich 04/07/2004 Yes 27.pdf

SigmaAldrich 01/29/2006 Yes 28.pdf

OMG Americas Inc 02/10/1998 Yes 29.pdf

OMG Americas Inc 11/17/1997 Yes 30.pdf

Mooney Chemicals Inc 02/07/1992 Yes 31.pdf

SigmaAldrich 03/07/2004 Yes 32.pdf

Fisher 06/07/2006 No

Search Name Search Open MSDS Filter ID Value

ID 1 Location

Name XSA 6130M83 [Chem-Rez Catalyst C7041]

Company Dynachem Inc

Received 05/01/2001

Hazard

MSDS No

MSDS filename

Record: 1 of 2111 New (blank) record Search

View

ID Location Location notes

1 L-147,149 [Furan]

(New)

Record: 1 of 1 No Filter Search

ID Hazard Hazard notes


1 Corrosion Acid



(New)


Record: 1 of 1 No Filter Search

ADD/EDIT - EXAMPLE

Total


Search by Name 

 **SDS**  **TDS**

ID  New ID is autogenerated

Name






Company


Received  Date is autogenerated


MSDS ☐

TDS ☐

CAS

Record:  1564 of 1564     Unfiltered

Record:  1 of 1

Record:  1 of 1

ADD/EDIT - EXAMPLE

ID	<input type="text" value="3143"/>	
Name	<input type="text" value="Dextromorphan (Romilar, kappa-opioid agonist C18-H25-N-O)"/>	Fill in names, synonyms
Company	<input type="text" value="Robitussin"/>	Fill in manufacturer
Received	<input type="text" value="11/05/2018"/>	
MSDS	<input checked="" type="checkbox"/> <input type="text" value="3143.pdf"/>	"Check" box if document available, file extension autogenerated
TDS	<input checked="" type="checkbox"/> <input type="text" value="3143tds.pdf"/>	
CAS	<input type="text" value="125-71-3"/>	Fill in CAS #

Select location(s) from
dropdown menu
Add notes if appropriate



ID	Location	Loc
3801	Cabinet-5 [Irritant/General storage, D-S]	
3802	L-115:125 [Sand lab]	under the sink
* (New)		

Record: 2 of 2 No Filter Search

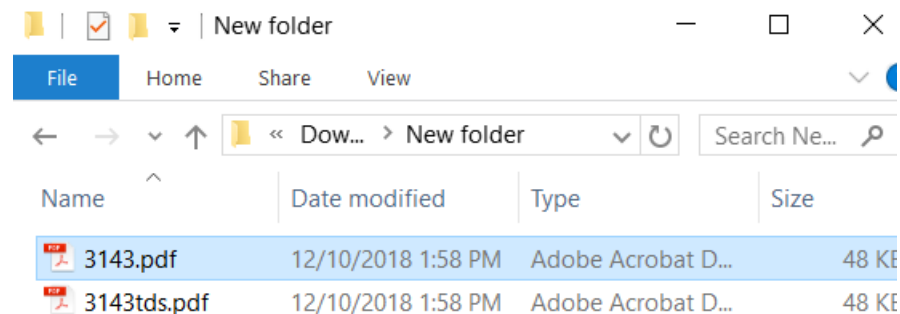
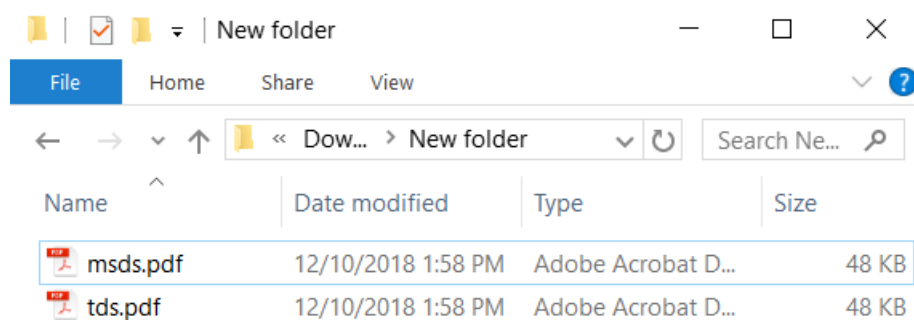
Select hazard (s) from
dropdown menu
Add notes if appropriate



ID	Hazard	Hazard note
4016	Flame	fire fire notes
4017	Exploding bomb	explodey
* (New)		

ADD/EDIT - EXAMPLE

- Assuming you have the SDS and the TDS on your computer, in PDF format...
 - Rename the files to the autogenerated filenames we saw above



ADD/EDIT - EXAMPLE

- Open the SDS file location by clicking the “folder” icon

The screenshot illustrates the process of opening the SDS file location. On the left, a portion of the ASKCHEMICALS interface is visible, showing buttons for 'SDS', a question mark icon, and 'TDS'. A red dashed circle highlights the folder icon next to the 'SDS' button. A large red arrow points from this icon to a Windows File Explorer window on the right. The File Explorer window is titled 'MSDS' and shows a list of files in the 'MSDS' folder. A blue arrow points from the '3143.pdf' file in the File Explorer to a 'New folder' window at the bottom left, which shows the contents of the newly created folder.

File Explorer window (MSDS):

Name	Date modified	Type
!GHS Thing.pdf	4/9/2015 12:00 PM	Adobe Acrobat
IOSHA quickcard.pdf	4/17/2015 3:05 PM	Adobe Acrobat
2.pdf	6/17/2015 9:16 AM	Adobe Acrobat
3.pdf	6/23/2015 9:53 AM	Adobe Acrobat
4.pdf	8/12/2015 4:14 PM	Adobe Acrobat
5.pdf	6/17/2015 9:17 AM	Adobe Acrobat
6.pdf	6/17/2015 9:19 AM	Adobe Acrobat
7.pdf	4/22/2015 10:31 A...	Adobe Acrobat
9.pdf	4/22/2015 10:37 A...	Adobe Acrobat
10.pdf	7/2/2015 9:50 AM	Adobe Acrobat
11.pdf	6/17/2015 9:21 AM	Adobe Acrobat
14.pdf	6/23/2015 9:57 AM	Adobe Acrobat
15.pdf	7/2/2015 9:51 AM	Adobe Acrobat
16.pdf	4/24/2015 10:15 A...	Adobe Acrobat
17.pdf	7/2/2015 9:52 AM	Adobe Acrobat
18.pdf	4/24/2015 10:23 A...	Adobe Acrobat
19.pdf	7/2/2015 9:54 AM	Adobe Acrobat
21.pdf	7/2/2015 9:55 AM	Adobe Acrobat
22.pdf		

New folder window:

Name	Date modified	Type
3143.pdf	12/10/2018 1:58 PM	Adobe Acr
3143tds.pdf	12/10/2018 1:58 PM	Adobe Acr

- Drag the newly renamed files into this folder

ADD/EDIT - EXAMPLE



- You should now be able to search for the added chemical as well as open the linked SDS and TDS documents

UPDATING LOCATION/STATUS

- Please keep the locations of chemicals updated!
- If you notice a missing chemical, update the location
 - Right click the far left column and `delete row`, or change the location from the dropdown menu
- If you've used the last of a chemical, or trashed it
 - Change the location to `Limbo` or `Wasted`

