



LABCUP

INVENTORY
MANAGEMENT
SOFTWARE

For Users
Central Washington
University
7th April 2021

How to access ...

- Web address



- Web browser



- Login: Central auth credentials

How to access ...

- iPhone, iPad App (free)



LabCup chemical inventory

LabCup Ltd. Tools

★★★★★ 3

PEGI 3

This app is compatible with all of your devices.

Installed



- Android App (free)



Labcup 4+

Laboratory management

Labcup Ltd

Free

Overview

- **User Tasks Overview**

Read

- **User Menu**
- **Finding Chemicals**

Write

- **Adding Chemicals**
- **Label Printing**
- **Reorder Threshold**
- **Removing Chemicals**
- **Moving Chemicals**
- **Stock Taking**
- **Storage**

Group
Administrator

- **Group User Management**
- **Emergency Page**

Overview

- **User Tasks Overview**

Read

- **User Menu**
- **Finding Chemicals**

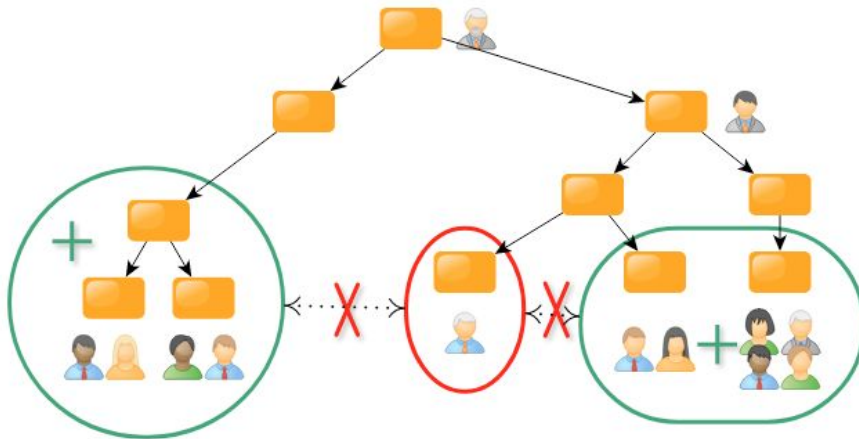
Write

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- **Removing Chemicals**
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- **Stock Taking**
- **Storage**

Group
Administrator

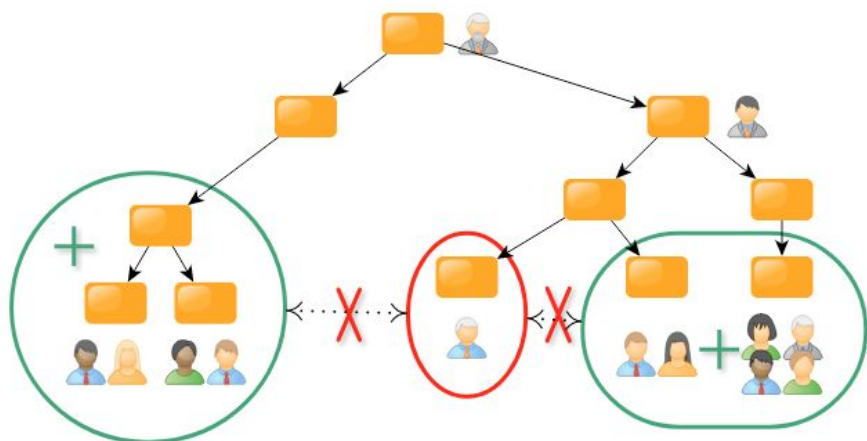
- **Group User Management**
- **Emergency Page**

Tasks Overview



- Group has **ownership**
- User has **responsibility**

Tasks Overview



- **Read**
 - Find chemicals
- **Write**
 - Manage Chemicals
 - Find chemicals
- **Administrator**
 - Manage Users
 - Manage Chemicals
 - Find chemicals

Overview

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User Menu



User Menu

User Menu - What's New

 Fullscreen

 About LabCup

 What's new

 My profile

 Documentation



 Feedback

 Logout

What's new 


[MARK AS READ](#)

April upgrade - 05/04/2019 

This update contains several new features  and improvements .

"What's new" panel

You are looking at this neat new feature, so you'll never miss new stuff any more!


The present  icon appears in the top menu when we have some news, otherwise, you can reach the panel from the upper-right corner menu.

Label printing template sharing

From now on, each user can only edit their own labels to prevent accidental modifications.


- There is a new 'label printing admin' permission, automatically given to site administrator roles.
 - They now see a new menu item in the Administration menu.
 - If they don't have inventory access, they see labels with a sample chemical item


User Menu - My Profile

 Fullscreen

 About LabCup

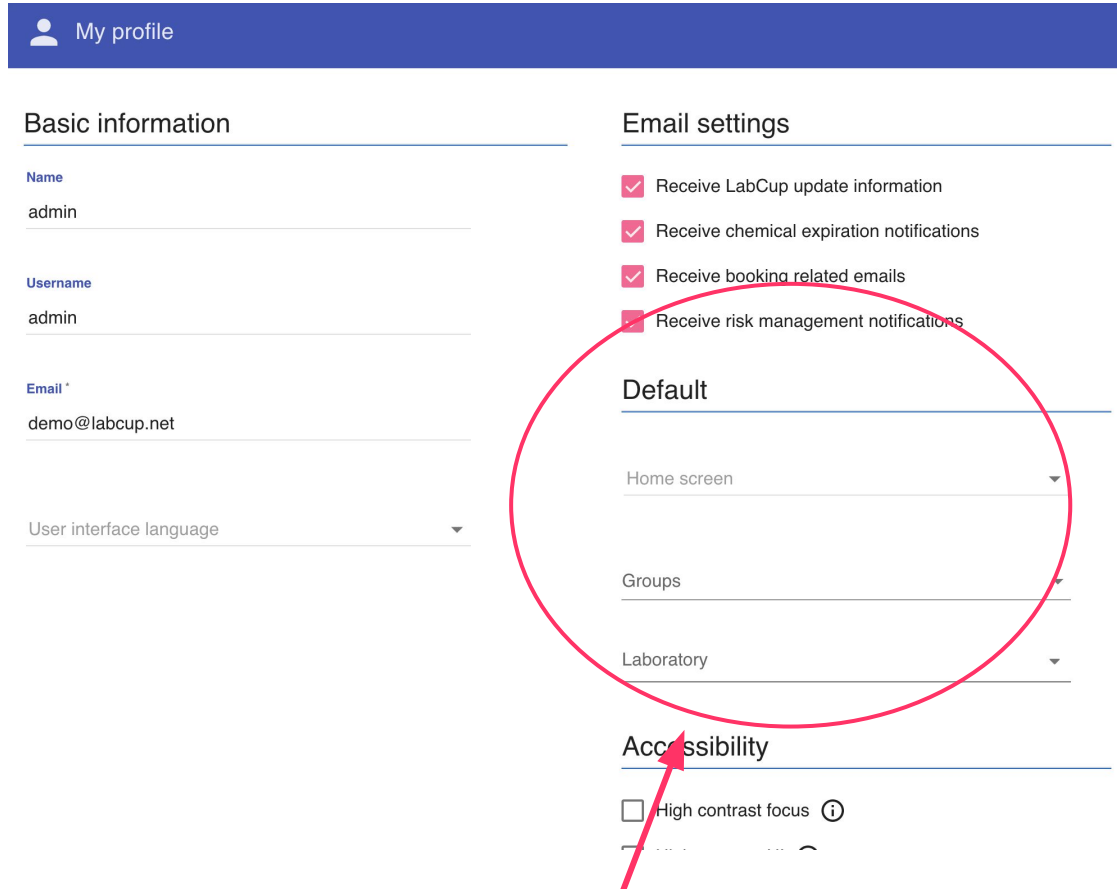
 What's new

 My profile

 Documentation

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 Logout



My profile

Basic information

Name
admin

Username
admin

Email *
demo@labcup.net

User interface language

Email settings

- Receive LabCup update information
- Receive chemical expiration notifications
- Receive booking related emails
- Receive risk management notifications

Default

Home screen

Groups

Laboratory

Accessibility

- High contrast focus ⓘ

Default Screen,
Group & Laboratory


User Menu - Documentation

 Fullscreen

 About LabCup

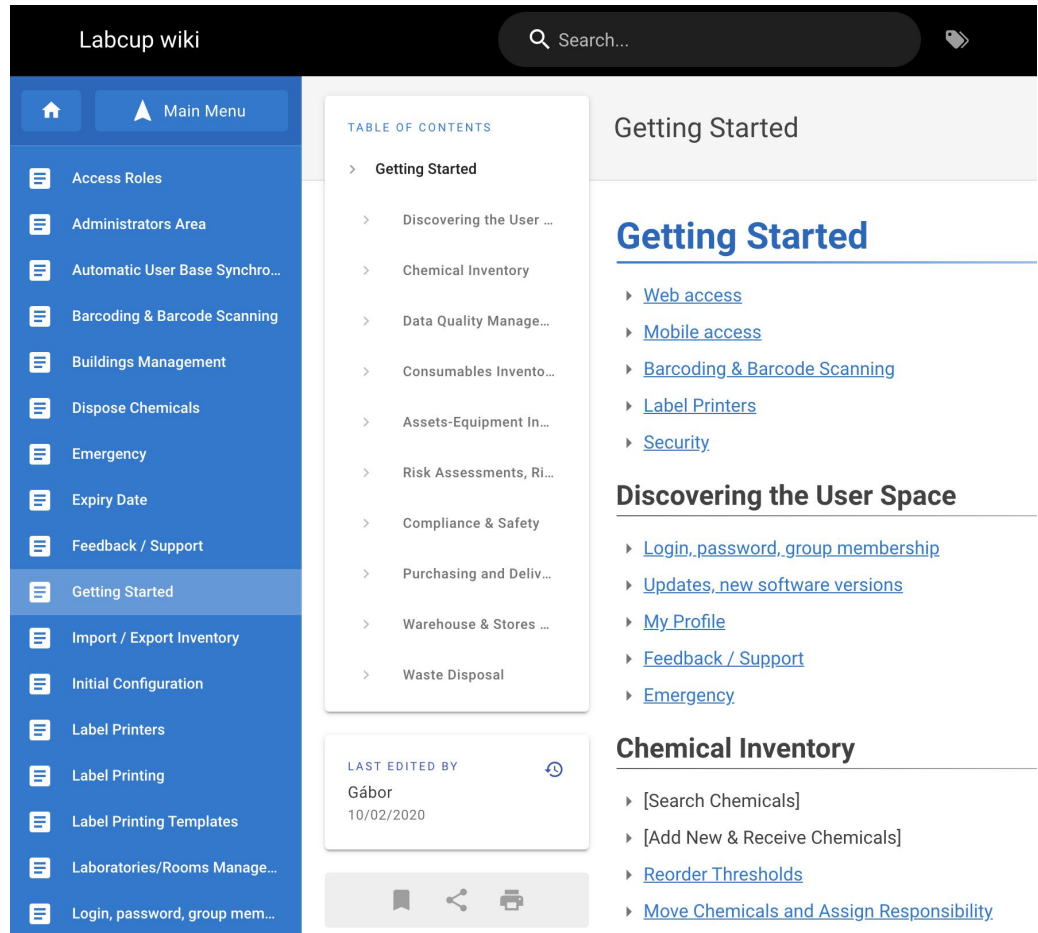
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The screenshot shows the Labcup wiki user menu interface. At the top, there is a search bar and a 'Main Menu' button. The main menu is a vertical list of items, with 'Getting Started' highlighted. Below the main menu, there is a 'TABLE OF CONTENTS' section with a list of links. To the right, there is a 'Getting Started' section with a list of links. Below that, there is a 'Discovering the User Space' section with a list of links. At the bottom, there is a 'Chemical Inventory' section with a list of links. The 'Getting Started' section is highlighted in the screenshot.

Labcup wiki

Search...

Home Main Menu

- Access Roles
- Administrators Area
- Automatic User Base Synchro...
- Barcoding & Barcode Scanning
- Buildings Management
- Dispose Chemicals
- Emergency
- Expiry Date
- Feedback / Support
- Getting Started
- Import / Export Inventory
- Initial Configuration
- Label Printers
- Label Printing
- Label Printing Templates
- Laboratories/Rooms Manage...
- Login, password, group mem...

TABLE OF CONTENTS

- Getting Started
 - Discovering the User ...
 - Chemical Inventory
 - Data Quality Manage...
 - Consumables Invento...
 - Assets-Equipment In...
 - Risk Assessments, Ri...
 - Compliance & Safety
 - Purchasing and Deliv...
 - Warehouse & Stores ...
 - Waste Disposal

LAST EDITED BY
Gábor
10/02/2020

Getting Started

Getting Started

- [Web access](#)
- [Mobile access](#)
- [Barcoding & Barcode Scanning](#)
- [Label Printers](#)
- [Security](#)

Discovering the User Space

- [Login, password, group membership](#)
- [Updates, new software versions](#)
- [My Profile](#)
- [Feedback / Support](#)
- [Emergency](#)

Chemical Inventory

- [Search Chemicals]
- [Add New & Receive Chemicals]
- [Reorder Thresholds](#)
- [Move Chemicals and Assign Responsibility](#)


User Menu - Feedback

 Fullscreen

 About LabCup

 What's new

 My profile

 Documentation

 Feedback

 Logout

Feedback 

Feedback

The button does nothing when I click on it... To reproduce the issue do this:

Send context: (page, user, application state)

Send screenshot



Send attachment

 ATTACH FILE

SEND

CANCEL

Overview

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- **Storage**

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Administrator

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- **Emergency Page**

Finding Chemicals



user a1



Click for Default Page

Finding Chemicals



Application Menu

Finding Chemicals

Menu



user a1



Inventory



Performance



Sorting



Stock Control



Risk analysis



Administration



Assets



Emergency



Finding Chemicals - Advanced Search

Advanced search



FIELDS

STRUCTURE

OTHER

Barcode



Name

Location



CAS number

Owner



UN number

Brand



Product No

Responsible person



Tags



My inventory

Purchase order number

Search field selection

SEARCH

RESET

Finding Chemicals - Advanced Search

Advanced search

FIELDS

STRUCTURE

OTHER

Barcode



Name

CAS number

Owner

Brand

Product No

Tags

My inventory

 SEARCH

 RESET

- Barcode
- Brand
- CAS number
- Name
- Date in
- Expiration
- Location
- Sublocation
- Lot number
- My inventory
- Owner group
- Product number
- Quantity
- Responsible person
- Tags
- UN number
- Item type
- Purchase order number

Finding Chemicals - Advanced Search

Advanced search



FIELDS *

STRUCTURE

OTHER

Barcode



Name

nit

Location



CAS number

Nitric acid

Nitric oxide

Nitromethane

Nitrosobenzene

o-Nitrobenzaldehyde

UN number

Brand



Responsible person



Tags

My inventory

Purchase order number

Automatic
recommendations

SEARCH

RESET

Finding Chemicals - Advanced Search

Advanced search

FIELDS

STRUCTURE

OTHER

Barcode



Name

Location



CAS number

Owner

UN number

Brand

Product No

Responsible person

Tags

My inventory

Purchase order number

SEARCH

RESET

Read using camera

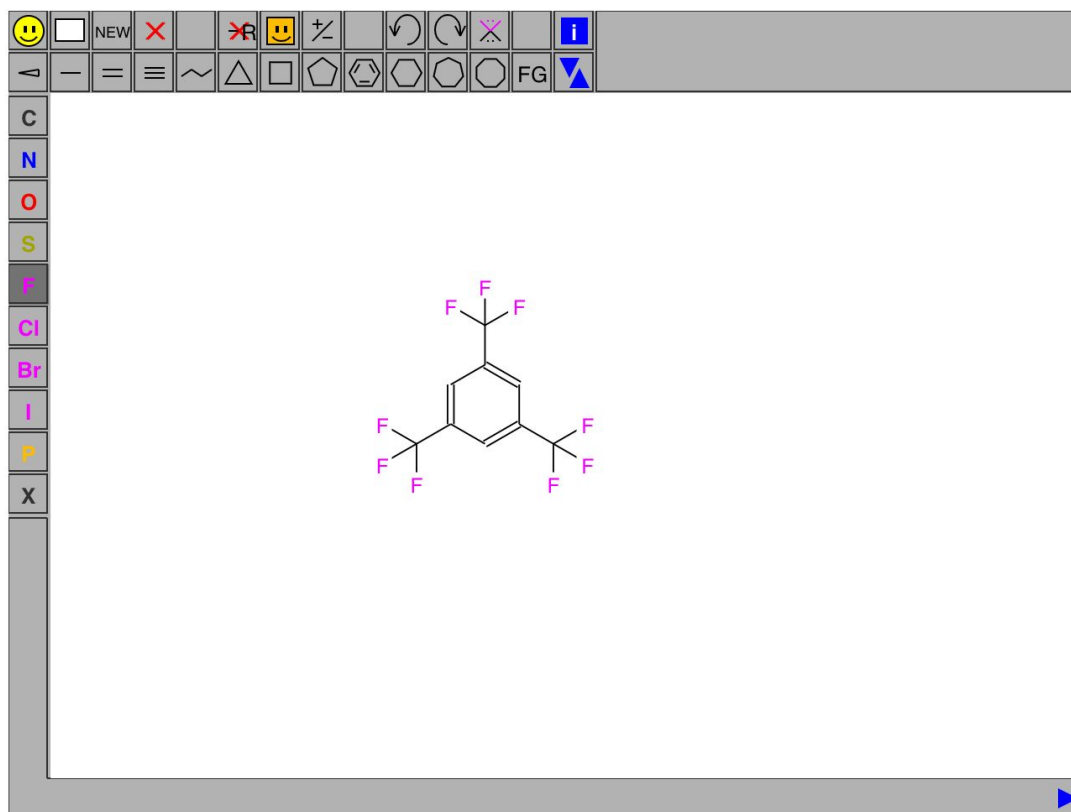
Finding Chemicals - Advanced Search

Advanced search

FIELDS *

STRUCTURE *

OTHER



The image shows a chemical structure editor interface. At the top is a toolbar with various icons for drawing and editing molecules, including a smiley face, a box labeled 'NEW', a red 'X', a red 'R', a yellow smiley face, a red 'Z', a red 'C', a red 'D', a red 'X', a blue 'I', and a blue 'V'. Below the toolbar is a vertical sidebar with buttons for elements: C, N, O, S, F, Cl, Br, I, P, and X. The main workspace contains a chemical structure of 1,2,4,6-tetrafluorobenzene, which is a benzene ring with fluorine atoms at the 1, 2, 4, and 6 positions. The fluorine atoms are colored pink, and the carbon atoms are grey.

Exact match Chirality

Finding Chemicals - Results





















CHEMICALS (34) CELLS (7) CONSUMABLES (5) TISSUES (4) ANTIBODIES (2)

Result (34)

EXPORT

PRINT
















Barcode	Location	Chemical name	CAS number	Product number	Quantity	Hazard labels
101023	Demo building > Lab A2 > Cabinet 2	 Formaldehyde solution	50-00-0	Sigma-Aldrich F1635-500ML-D	500ml	 RA
101100	Demo building > Lab A1 > Cabinet 1	 Bismuth(III) oxide	1304-76-3	Sigma-Aldrich 202827	1kg	
101043	Demo building > Lab A2 > Expiring chemicals	 Divinyl acetylene	689-97-4	American Custom Chemicals Corp CHM1016524	100ml	
101045	Demo building > Lab A2 > Expiring chemicals	 Potassium amide	17242-52-3	Leancare Ltd. 12345	1kg	
101055	Demo building > Lab A2 > Expiring chemicals	 2-Hexanol	26549-24-6	Aldrich 340308	10g	 RA
101047	Demo building > Lab A2 > Expiring chemicals	 Sodium amide	7782-92-5	Aldrich 208329-250G	250g	 RA
101029	Demo building > Lab A2 > Shelf	 Potassium Chloride	7447-40-7	SciChem PO035	500g	 RA
101053	Demo building > Lab A2 > Expiring chemicals	 2-Cyclohexen-1-ol	822-67-3	Aldrich C102652-10G	10g	 RA
101052	Demo building > Lab A2 > Expiring chemicals	 2-Vinyl pyridine	100-69-6	Aldrich 132292-500ML	500mL	 RA
101046	Demo building > Lab A2 > Expiring chemicals	 Potassium metal	2023695	Aldrich 679909-20G	20g	 RA

Finding Chemicals - Results

CHEMICALS (34) CELLS (7) CONSUMABLES (5) TISSUES (4) ANTIBODIES (2)

Result (34)

Barcode	Location	Chemical name	CAS number	Product number
101023	Demo building > Lab A2 > Cabinet 2	 Formaldehyde solution	50-00-0	Sigma-Aldrich F1635-500ML-D
101100	Demo building > Lab A1 > Cabinet 1	 Bismuth(III) oxide	1304-76-3	Sigma-Aldrich 202827
101043	Demo building > Lab A2 > Expiring chemicals	 Divinyl acetylene	689-97-4	American Custom Chemicals Corp CHM1016524
101045	Demo building > Lab A2 > Expiring chemicals	 Potassium amide	17242-52-3	Leancare Ltd. 12345
101055	Demo building > Lab A2 > Expiring chemicals	 2-Hexanol	26549-24-6	Aldrich 340308
101047	Demo building > Lab A2 > Expiring chemicals	 Sodium amide	7782-92-5	Aldrich 208329-250G
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101046	Demo building > Lab A2 > Expiring chemicals	 Potassium metal	2023695	Aldrich 679909-20G















- Chemical name
- CAS number
- Product number
- UN number
- Quantity
- Hazard labels
- Purity (%)
- State
- Responsible person
- Lot number
- Tags
- Expire
- Date in
- Hazard code(s)
20g   

Finding Chemicals - Results

CHEMICALS (34) CELLS (7) CONSUMABLES (5) TISSUES (4) ANTIBODIES (2)

4 selected



<input type="checkbox"/>	Barcode	Location	Chemical name	CAS number	Product number	Quantity	Hazard labels
<input checked="" type="checkbox"/>	101023	Demo building > Lab A2 > Cabinet 2	 Formaldehyde solution	50-00-0	Sigma-Aldrich F1635-500ML-D	500ml	
<input checked="" type="checkbox"/>	101100	Demo building > Lab A1 > Cabinet 1	 Bismuth(III) oxide	1304-76-3	Sigma-Aldrich 202827	1kg	
<input checked="" type="checkbox"/>	101043	Demo building > Lab A2 > Expiring chemicals	 Divinyl acetylene	689-97-4	American Custom Chemicals Corp CHM1016524	100ml	
<input type="checkbox"/>	101045	Demo building > Lab A2 > Expiring chemicals	 Potassium amide	17242-52-3	Leancare Ltd. 12345	1kg	
<input type="checkbox"/>	101055	Demo building > Lab A2 > Expiring chemicals	 2-Hexanol	26549-24-6	Aldrich 340308	10g	
<input type="checkbox"/>	101047	Demo building > Lab A2 > Expiring chemicals	 Sodium amide	7782-92-5	Aldrich 208329-250G	250g	
<input type="checkbox"/>	101029	Demo building > Lab A2 > Shelf	 Potassium Chloride	7447-40-7	SciChem PO035	500g	

Finding Chemicals - Results

CHEMICALS (20)

Result (20)

EXPORT

PRINT



Barcode	Location	Chemical name	Product number	Quantity	Hazard Label(s)
SOR1	TBSI / 0.211 / Corrosive - Oxidiser / simple	nitric acid	Sigma-Aldrich 07006	0.88 l / 2.5 l	RA
101010	TBSI / 6.41 / Cabinet 1	Nitric acid	Speciality Chemicals 123456-100ML	100ml	RA
A7	TBSI / 0.34 / New loc4 / Newest D7	Nitric acid	Sigma-Aldrich 258113	1l / 1l	RA
101020	TBSI / 0.211c / Cabinet 1 / a1 E5	Nitric acid	Speciality Chemicals 12345678	100ml	RA
10224	Panoz Institute / Lab Smalls / Shelf 3	Ammonium Nitrate (Nitric acid ammonium salt)	BDH 10030	500 g	RA
10450	Panoz Institute / Lab Smalls /	Ammonium Nitrate (Nitric acid ammonium salt)	BDH	500 g	RA

Finding Chemicals - Results

CHEMICALS (20)

Result (20)

PRINT

Barcode	Location	Quantity	Hazard Label(s)
SOR1	TBSI / 0.211 / Corrosive - Oxidiser / simple	0.88 l	RA 4 OX 1
101010	TBSI / 6.41 / Cabinet 1	0	RA 4 OX 1
A7	TBSI / 0.34 / New loc4 / Newest D7	2.5 l	RA 4 OX 1
101020	TBSI / 0.211c / Cabinet 1 / a1 E5	12345678	RA 4 OX 1
10224	Panoz Institute / Lab Smalls / Shelf 3	Ammonium Nitrate (Nitric acid ammonium salt) BDH 10030 500 g	RA 0 3 OX 1

Remaining quantity / weight

35.2%

Current quantity (Net)
0.88 l

Current gross weight
0

Nominal quantity (Net)
2.5 l

SAVE

Finding Chemicals - Results
































CHEMICALS (20)

Result (20)

 EXPORT
  PRINT



Barcode **Location** **Chemical name** **Product number** **Quantity** **Hazard Label(s)**

SOR1	TBSI / 0.211 / Corrosive - Oxidiser / simple	 nitric acid	Sigma-Aldrich 07006	0.88 l / 2.5 l	RA   
101010	TBSI / 6.41 / Cabinet 1	 Nitric acid	Speciality Chemicals 123456-100ML	100ml	   Expiration date 30/04/2018
A7	TBSI / 0.34 / New loc4 / Newest D7	 Nitric acid	Sigma-Aldrich 258113	1l / 1l	  RA   
101020	TBSI / 0.211c / Cabinet 1 / at E5 	 Nitric acid	Speciality Chemicals 12345678	100ml	  RA   
10224	Panoz Institute / Lab Smalls / Shelf 3	 Ammonium Nitrate (Nitric acid ammonium salt)	BDH 10030	500 g	RA    
10450	Panoz Institute / Lab Smalls /	 Ammonium Nitrate (Nitric acid ammonium salt)	BDH	500 g	RA    

Finding Chemicals - Results






























CHEMICALS (20)

Result (20)






Barcode **Location** **Chemical name** **Product number** **Quantity** **Hazard Label(s)**

SOR1	TBSI / 0.211 / Corrosive - Oxidiser / simple	 nitric acid	Sigma-Aldrich 07006	0.88 l / 2.5 l	  
101010	TBSI / 6.41 / Cabinet 1	 Nitric acid	Speciality Chemicals 123456-100ML	100ml	  
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10450	Panoz Institute / Lab Smalls /	 Ammonium Nitrate (Nitric acid ammonium salt)	BDH	500 g	   

Finding Chemicals - Results

Data sheet



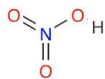
OVERVIEW

ITEM

PRODUCT

COMPOUND

Molecular structure



Names and Identifiers

Barcode: 2343
Brand: Riedel-de Haen
Product number: 07006
Chemical name on the label: Nitric acid
CAS number: 7697-37-2
PubChem Compound ID (CID) : [944](#)

- Nitric acid
- NITRIC ACID
- Salpetersaeure
- Nital
- Acidum nitricum
- Nitrous fumes
- Aqua fortis
- Azotic acid
- Hydrogen nitrate
- Nitryl hydroxide
- Engraver's acid
- Nitric acid solution
- RFNA
- Nitric acid, anhydrous
- Red fuming nitric acid
- Azotowy kwas [Polish]
- Salpetersaure [German]
- Acide nitrique [French]
- Acido nitrico [Italian]
- Acido nitrico [Spanish]

Owner and Location

Owner: MDG5 Musing Davinci
Responsible person: Not set (Not set)
Building: Building 15
Laboratory: 6.41
Location: Corrosive, Oxidising (R)
Proposed location: Corrosive, Inorganic Acids (Q)

Synonyms:

Overview

- **User Tasks Overview**

Read

- **User Menu**
- **Finding Chemicals**

Write

- **Adding Chemicals**
- **Label Printing**
- **Reorder Threshold**
- **Removing Chemicals**
- **Moving Chemicals**
- **Stock Taking**
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Group
Administrator

- **Group User Management**
- **Emergency Page**

Adding Chemicals - To dispose

Damaged
Container



Damaged Label



Expired



Adding Chemicals - Required data

*** Barcode, Owner, Location** → Inventory entry

Adding Chemicals - Required data

CAS, Chemical name



Synonyms,
Chemical Structure

*** Barcode, Owner, Location**



Inventory entry

Adding Chemicals - Required data

Brand, Product number



SDS, Safety information
Chemical properties
Long term storage

CAS, Chemical name



Synonyms,
Chemical Structure

*** Barcode, Owner, Location**



Inventory entry

Adding Chemicals

- Import from MS Excel / csv
- Add / Edit Chemicals (Primarily desktop)
- Quick add (Primarily mobile phone)
- API

Adding Chemicals

- Import from MS Excel / csv
- Add / Edit Chemicals (Primarily desktop)
- Quick add (Primarily mobile phone)
- API

Adding Chemicals - Import from Excel

Stock

Import/Export Inventory

IMPORT EXPORT

To import inventories, please fill out and upload the templates below! If the product number is not known, leave the field empty or fill it with 'unknown'.

Import inventory type

- Chemicals
- Consumables
- Tissues
- Cells
- Antibodies

Download

Template

File to import

CHOOSE FILE...

VALIDATE IMPORT

Download XLS Template

Review

Add

Quantity

Import

Export

Stock taking


Adding Chemicals


- Import from MS Excel / csv
- Add / Edit Chemicals (Primarily desktop)
- Quick add (Primarily mobile phone)
- API

Adding Chemicals - Add / Edit Chemicals

 Stock Control >

 Review Chemicals' Data

 Add or Edit Item

 Quick add Chemicals

 Import/Export Inventory

 Expired Chemicals

 Stock taking

- Wizard to fully add and approve chemicals one-by-one
- If existing barcode is entered -> Edit

Adding Chemicals - Barcoding

Good



Covering Information



Not Sticking



Hard to find



Adding Chemicals - Add / Edit Chemicals

Add or Edit inventory item

Inventory item type

- Chemical
- Consumable
- Tissue
- Cell
- Antibody

Barcode restricted to alphanumeric characters e.g. ABC123

Leave empty for automatic generation

To add more of the same product use any of the following:

A1 - A20

A1 + 20

A1, A2

With auto generation can use: +2

Barcode

BARCODE1



Alphanumeric value

Product Number, Article, GS1



Brand



NEXT >

Adding Chemicals - Add / Edit Chemicals

Add or Edit inventory item

Inventory item type

- Chemical
- Consumable
- Tissue
- Cell
- Antibody

Barcode

BARCODE1



Product Number, Article, GS1

D60400



Label picture

GS1 scan

Search

NEXT >

GS1 standard

- 2D data matrix on label (if available, eg. Merck)
- Could contain: Brand, Product number, LOT/Batch number, Manufacturing date, Expiry date etc. which is then automatically filled in
- <https://www.gs1.org/>

Adding Chemicals - Add / Edit Chemicals

Add or Edit inventory item

Inventory item type

- Chemical
- Consumable
- Tissue
- Cell
- Antibody



Aldrich

aldrich chem.co

Sigma-Aldrich

Sigma-Aldricht

Aldr

NEXT >

Adding Chemicals - Add / Edit Chemicals

Add or Edit inventory item

Safety Data Sheet has been parsed successfully.

Upload Safety Data Sheet has succeeded.

[Initial data](#) › [SDS](#) › [CAS](#) › [Chemical product data](#) › [UN number](#) › [Hazard](#) › [Fire Department](#) › [Chemical data](#) › [Overview](#)

Safety Data Sheet (SDS)

Language	Comment	Version	
English ▾		08/05/2019	OPEN 

 **UPLOAD NEW SDS**

< BACK

NEXT >

Adding Chemicals - Add / Edit Chemicals

Add or Edit inventory item

Initial data › SDS › **CAS** › Chemical product data › UN number › Hazard › Fire Department › Chemical data › Overview

Chemical name on the bottle *

Trichloroacetic acid



CAS

76-03-9



< BACK

NEXT >

Adding Chemicals - Add / Edit Chemicals


Add or Edit inventory item

[Initial data](#) › [SDS](#) › [CAS](#) › **[Chemical product data](#)** › [UN number](#) › [Hazard](#) › [Fire Department](#) › [Chemical data](#)
› [Overview](#)

State

Solid  

Quality

Purity m/m% [kg/kg] – m(i)/m(total) 

Density

1.62 g/cm³ 

Melting point

54-58 °C-lit.

Boiling point

Flash point

Components

 **BACK**

NEXT 

Adding Chemicals - Add / Edit Chemicals

Add or Edit inventory item

Initial data › SDS › CAS › Chemical product data › **UN number** › Hazard › Fire Department › Chemical data › Overview

UN number (14.1)

1839

SDS parsed value

TRICHLOROACETIC ACID

UN proper shipping name (14.2)

TRICHLOROACETIC ACID(trichloroacetic acid)



Packing group (14.4)

II

Transport hazard class (14.3)



8 Corrosive



Adding Chemicals - Add / Edit Chemicals

Add or Edit inventory item

Initial data › SDS › CAS › Chemical product data › UN number › **Hazard** › Fire Department › Chemical data › Overview

Hazard classification (2.1) ✓

Skin corrosion (Category 1A, H314)



Specific target organ toxicity - single exposure (Category 3, H335)



Acute aquatic toxicity (Category 1)



Chronic aquatic toxicity (Category 1)



Hazard class



+ ADD

Country specific hazard



Pictogram (2.2)



Signal word (2.2)

Danger

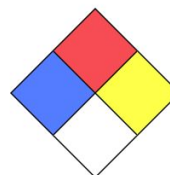


Hazard code(s) and hazard statement(s) (2.2)

H314 Causes severe skin burns and eye damage

H335 May cause respiratory irritation

H410 Very toxic to aquatic life with long lasting effects



Adding Chemicals - Add / Edit Chemicals

Add or Edit inventory item

Initial data › SDS › CAS › Chemical product data › UN number › Hazard › **Fire Department** › Chemical data › Overview

Extinguishing media (5.1)



carbon dioxide



foam



dry chemical powder



water spray



alcohol-resistant foam



dry sand



water



special powder against metal fire (graphite powder)



special powder against metal fire (sodium chloride)



Adding Chemicals - Add / Edit Chemicals

Add or Edit inventory item

Initial data › SDS › CAS › Chemical product data › UN number › Hazard › Fire Department › **Chemical data**
› Overview

Quantity

Nominal quantity (Net) *



Current quantity (Net)

Tare weight

Gross weight



Current gross weight

Container type

Adding Chemicals - Add / Edit Chemicals

Owner and Location

Owner group *

JG

Laboratory *

0.211

Responsible person *

gadmin (gadmin)

Suggested location(s)

Corrosives - Acids - Corrosive substances
(Hazard Class: 8) / Without subsidiary risk / Acids /
Organic, solid

Location *

Consumable cabinet (L003193)



+ NEW

Sublocation



+ NEW

Adding Chemicals - Add / Edit Chemicals

Other

Date in



08/05/2019



Expiration date



Expiration date



Comment

Purchase Order number

Tags

HPLC X

|Tags

< BACK

OVERVIEW >

FINISH

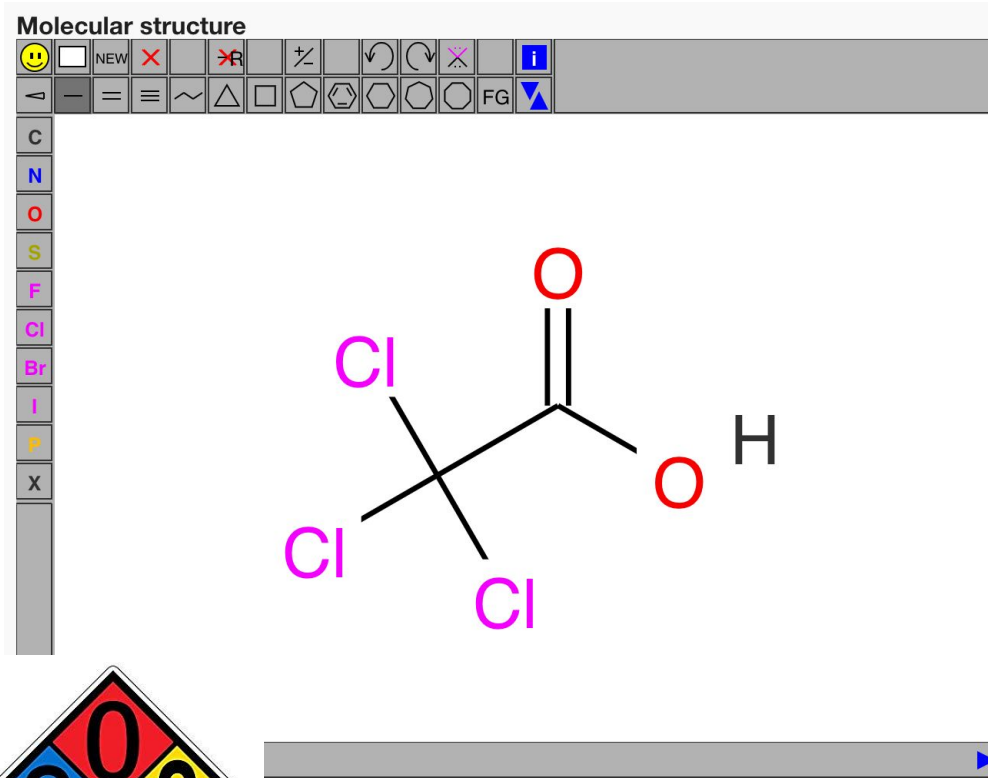
FINISH AND PRINT BARCODE

Adding Chemicals - Add / Edit Chemicals

- Automatic data enrichment

Synonyms

TCA
TRICHLOROACETIC ACID
Trichloroethanoic acid
Aceto-caustin
Trichloroacetic acid
Acetic acid, trichloro-
Trichloressigsaeure
Konesta
Acide trichloracetique
Acido tricloroacetico
Amchem grass killer



Adding Chemicals - Add / Edit Chemicals

 Label printing

Barcode

BARCODE1






DATA SHEET

Template

Copy of GHS Label L (155 x 52 mm) ▼

1 of 1 Automatic Zoom

CAS: 76-03-9	T6399 1L	Sigma-Aldrich
 BARCODE1	Trichloroacetic acid	Signal word: Danger Hazard statements: H314 Causes severe skin burns and eye damage H335 May cause respiratory irritation H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects
 UN1839		

Adding Chemicals - Add / Edit Chemicals

- Unique Barcode is required
- Brand + Product Number uniquely identifies a product
- Saved in CWU's Private Product Database and will be re-used
- Only two pages for the second time
 - **Barcode & What**
 - **How much & Where you put it**


Adding Chemicals


- Import from MS Excel / csv
- Add / Edit Chemicals (Primarily desktop)
- Quick add (Primarily mobile phone)
- API

Adding Chemicals - Quick add

 Stock Control >

 Review Chemicals' Data

 Add or Edit Item

 Quick add Chemicals

 Import/Export Inventory

 Expired Chemicals

 Stock taking

- Add many chemicals at once in one locations
- Minimum information in the lab from the label
- Data check & approval in the office

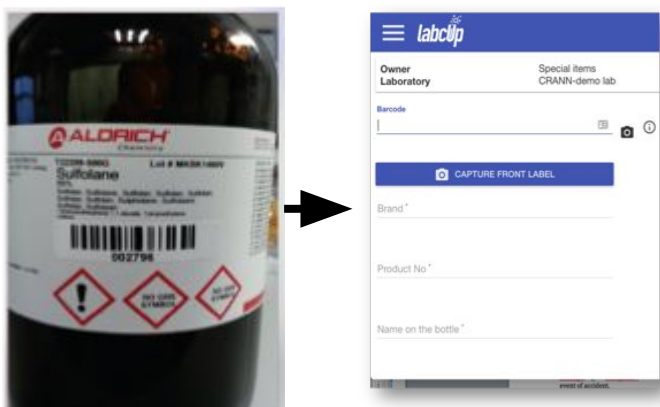
Adding Chemicals - Quick add

- Chemical input by picture
- Obtain as much data as possible automatically



Adding Chemicals - Quick add

- Chemical input by picture
- Obtain as much data as possible automatically



Adding Chemicals - Picture Taking

Out of Focus



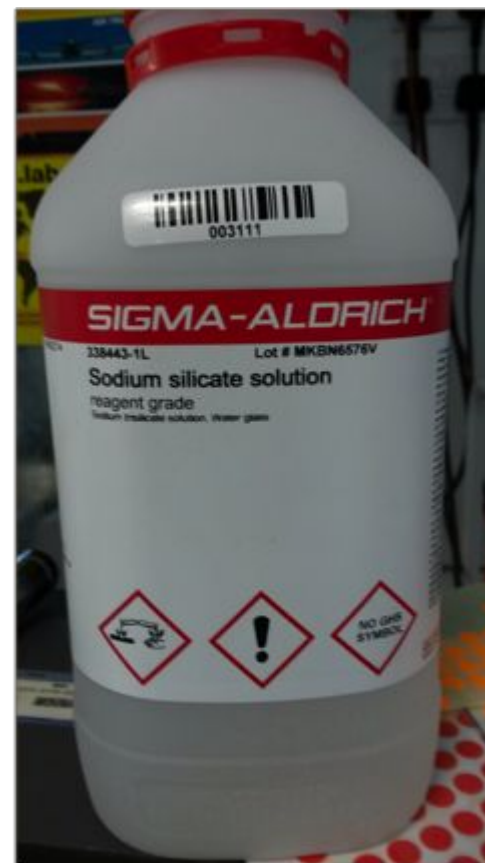
Multiple Bottles



Tilted

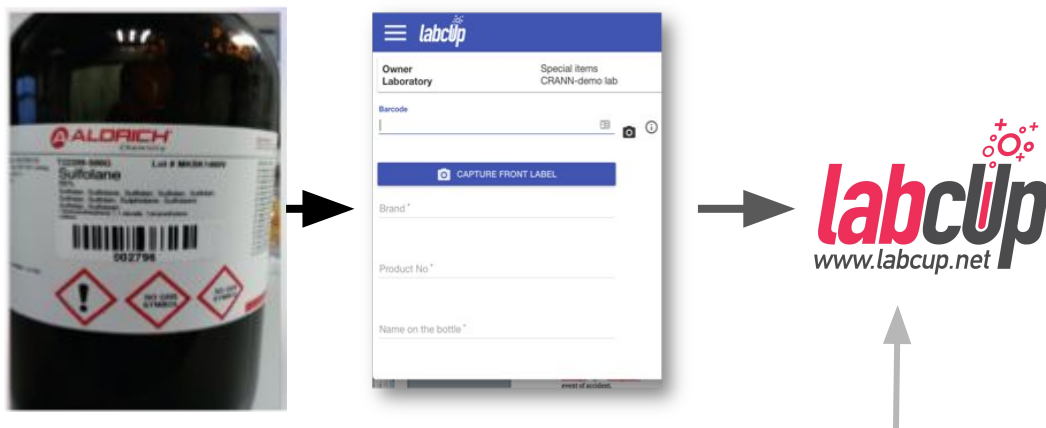


Perfect



Adding Chemicals - Quick add

- Chemical input by picture
- Obtain as much data as possible automatically



Own & Online databases

- Chemical structure
- Synonyms etc

Brand/Supplier

- SDS etc

Adding Chemicals - Quick add

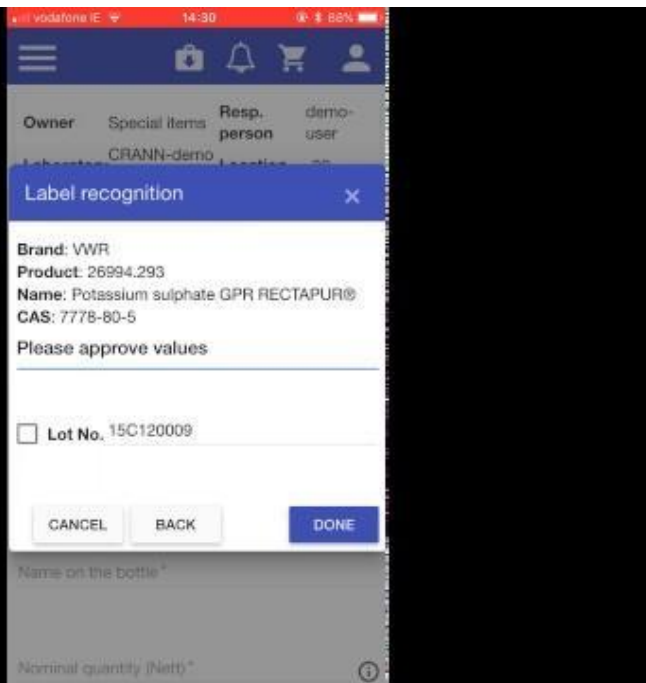
- Chemical input by picture
- Obtain as much data as possible automatically



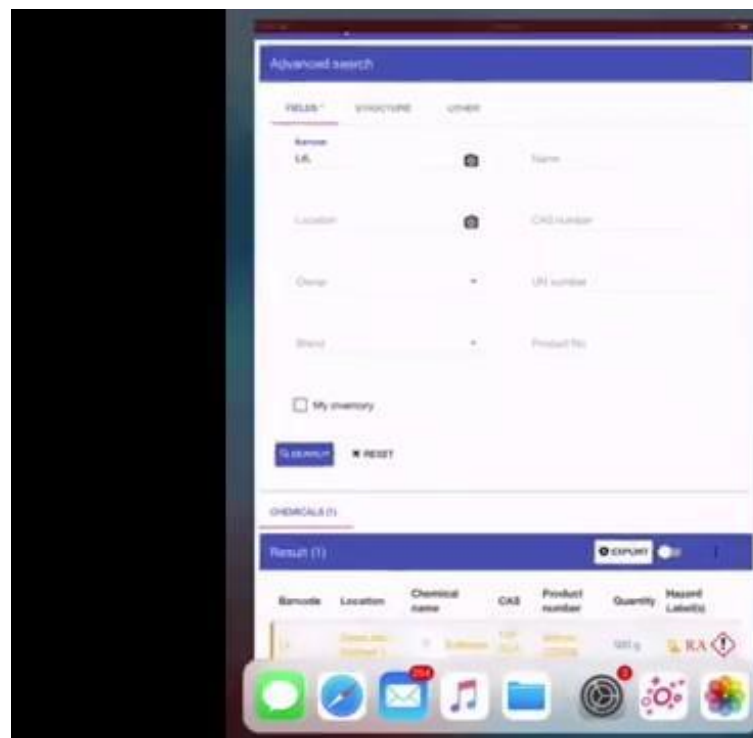
Inventory +
CWU's product
database

Adding Chemicals - Quick add

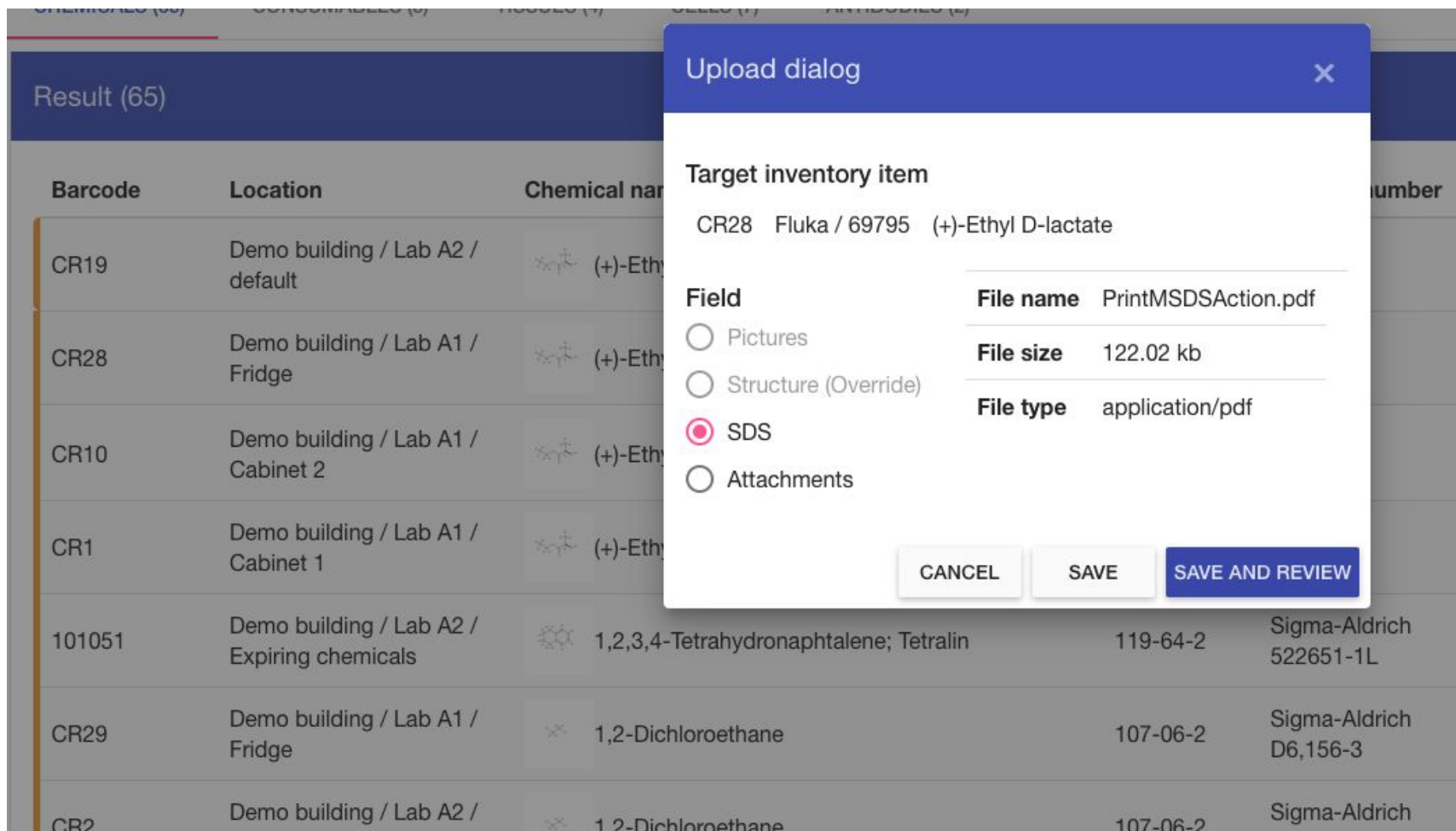
On smartphone



On tablet



Adding Chemicals - Drag&Drop Data



The screenshot displays a web application interface with a table of chemical inventory items. An 'Upload dialog' modal window is open, allowing a user to upload a file to a specific inventory item. The dialog shows the selected target item as 'CR28 Fluka / 69795 (+)-Ethyl D-lactate'. The user has selected 'SDS' as the field type, and the file 'PrintMSDSAction.pdf' (122.02 kb) is being uploaded. The dialog includes 'CANCEL', 'SAVE', and 'SAVE AND REVIEW' buttons.

Barcode	Location	Chemical name	Number
CR19	Demo building / Lab A2 / default	(+)-Ethyl D-lactate	
CR28	Demo building / Lab A1 / Fridge	(+)-Ethyl D-lactate	
CR10	Demo building / Lab A1 / Cabinet 2	(+)-Ethyl D-lactate	
CR1	Demo building / Lab A1 / Cabinet 1	(+)-Ethyl D-lactate	
101051	Demo building / Lab A2 / Expiring chemicals	1,2,3,4-Tetrahydronaphtalene; Tetralin	119-64-2 Sigma-Aldrich 522651-1L
CR29	Demo building / Lab A1 / Fridge	1,2-Dichloroethane	107-06-2 Sigma-Aldrich D6,156-3
CR2	Demo building / Lab A2 /	1,2-Dichloroethane	107-06-2 Sigma-Aldrich

Overview

- **User Tasks Overview**

Read

- **User Menu**
- **Finding Chemicals**

Write

- **Adding Chemicals**
- **Label Printing**
- **Reorder Threshold**
- **Removing Chemicals**
- **Moving Chemicals**
- **Stock Taking**
- **Storage**

Group
Administrator

- **Group User Management**
- **Emergency Page**

Label Printing




- From search results
- From chemical datasheet



CHEMICALS (1)

Result (1)

EXPORT PRINT

Barcode	Location	Chemical name	Product number	Quantity	Hazard Label(s)
BARCODE1	TBSI / 0.211 / Consumable cabinet	 Trichloroacetic acid	Sigma-Aldrich T6399	1L / 	

Label Printing


- From search results
- From chemical datasheet



Datasheet

Basic information

Molecular structure:



Brand: Sigma-Aldrich
Product number: T6399
CAS number: 76-03-9
PubChem Compound ID (CID): 6421

Barcode: BARCODE1

Chemical name on the bottle: Trichloroacetic acid

Synonyms:
2,2,2-trichloroacetic acid
AC1L1MHU
AC1Q71R9
AC1Q71RA
Acetic acid, 2,2,2-trichloro-
Acetic acid, trichloro-
Acetic acid, trichloro- (solid)
Aceto-caustin
Acide trichloracetique
Acide trichloracetique [French]
Acido trichloroacetico
Acido trichloroacetico (TN)
Acido trichloroacetico [Italian]
ACMC-1BK0N
Amchem grass killer
C2HCl3O2
CCl3CO2H
CCl3COOH
Dow sodium inhibited

Label Printing

Label printing

Barcode

BARCODE1

DATA SHEET

Template

Copy of GHS Label L (155 x 52 mm)

CAS: 76-03-9 T6399 1L Sigma-Aldrich

Trichloroacetic acid

Signal word: Danger
Hazard statements: H314 Causes severe skin burns and eye damage
H335 May cause respiratory irritation
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects

UN1839

1 of 1 Automatic Zoom

EDIT PREVIEW PRINT DOWNLOAD

Label Printing

Edit template

Built-in templates or templates created by other users cannot be edited. Please duplicate first, afterwards it can be freely edited, renamed and deleted.

Template name

GHS Label L (155 x 52 mm)

Label



Width	Height	Unit	Zoom (%)
155	52	mm	100

CAS: 76-03-9 T6399 1L Sigma-Aldrich

Trichloroacetic acid

Signal word: Danger
Hazard statements: H314 Causes severe skin burns and eye damage
H335 May cause respiratory irritation
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects

UN1839



- Debug PDF (if the image does not match with the generated pdf)
- Share globally
- Share with my groups

 DUPLICATE TEMPLATE

Field

CAS number

- Visible
- Cut long text

You can move and resize the element on the left side. The below is for precise alignment

Position (px)

X	Y	Width	Height
8	5	149	28

Text template

CAS: {{cas}}

Text align

Left

Font size

10

 Font color

Border

- Top
- Bottom
- Left
- Right

Overview

- **User Tasks Overview**

Read

- **User Menu**
- **Finding Chemicals**

Write

- **Adding Chemicals**
- **Label Printing**
- **Reorder Threshold**
- **Removing Chemicals**
- **Moving Chemicals**
- **Stock Taking**
- **Storage**

Group
Administrator

- **Group User Management**
- **Emergency Page**

Re-order Threshold

- From search results
- From chemical datasheet



CHEMICALS (1)

Result (1) EXPORT PRINT ⋮

Barcode	Location	Chemical name	Product number	Quantity	Hazard Label(s)
BARCODE1	TBSI / 0.211 / Consumable cabinet	 Trichloroacetic acid	Sigma-Aldrich T6399	1L /         ⋮	

Re-order Threshold

- From search results
- From chemical datasheet




Datasheet

BASIC INFORMATION LOCATION SAFETY INFORMATION TRANSPORT INFORMATION EMERGENCY RESPONSE HISTORY

Basic information

Molecular structure:




Brand: Sigma-Aldrich
Product number: T6399
CAS number: 76-03-9
PubChem Compound ID (CID): 6421

Barcode: BARCODE1

Chemical name on the bottle: Trichloroacetic acid


Synonyms:
2,2,2-trichloroacetic acid
AC1L1MHU
AC1Q71R9
AC1Q71RA
Acetic acid, 2,2,2-trichloro-
Acetic acid, trichloro-
Acetic acid, trichloro- (solid)
Aceto-caustin
Acide trichloracetique
Acide trichloracetique [French]
Acido trichloroacetico
Acido trichloroacetico (TN)
Acido trichloroacetico [Italian]
ACMC-1BK0N
Amchem grass killer
C2HCl3O2
CCl3CO2H
CCl3COOH
Dow sodium inhibited

Re-order Threshold

 Threshold notification ×

You can get a notification in email if the number of items or the quantity falls below the threshold

Notify me on threshold amount (%)

30 

Notify me on unit number threshold (in group JG)

1 (Current number of units: 1)

SAVE

- Quantity in the container and/or number of container
- Responsible person gets an email

Overview

- **User Tasks Overview**

Read

- **User Menu**
- **Finding Chemicals**

Write

- **Adding Chemicals**
- **Label Printing**
- **Reorder Threshold**
- **Removing Chemicals**
- **Moving Chemicals**
- **Stock Taking**
- **Storage**

Group
Administrator

- **Group User Management**
- **Emergency Page**




Removing Chemicals

- From search results
- From chemical datasheet



CHEMICALS (1)

Result (1) EXPORT PRINT ⋮











Barcode	Location	Chemical name	Product number	Quantity	Hazard Label(s)
BARCODE1	TBSI / 0.211 / Consumable cabinet	 Trichloroacetic acid	Sigma-Aldrich T6399	          ⋮	

Removing Chemicals

- From search results
- From chemical datasheet




Datasheet

[BASIC INFORMATION](#)
[LOCATION](#)
[SAFETY INFORMATION](#)
[TRANSPORT INFORMATION](#)
[EMERGENCY RESPONSE](#)
[HISTORY](#)

Basic information

Molecular structure:



Brand: Sigma-Aldrich

Product number: T6399

CAS number: 76-03-9

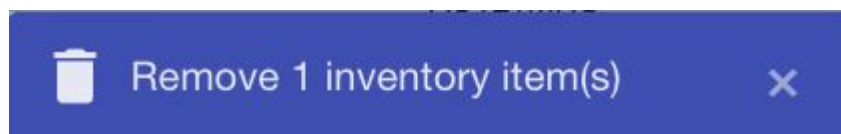
PubChem Compound ID (CID): 6421

Barcode: BARCODE1

Chemical name on the bottle: Trichloroacetic acid

Synonyms:
 2,2,2-trichloroacetic acid
 AC1L1MHU
 AC1Q71R9
 AC1Q71RA
 Acetic acid, 2,2,2-trichloro-
 Acetic acid, trichloro-
 Acetic acid, trichloro- (solid)
 Aceto-caustin
 Acide trichloracetique
 Acide trichloracetique [French]
 Acido tricloraacetico
 Acido trichloroacetico (TN)
 Acido trichloroacetico [Italian]
 ACMC-1BK0N
 Amchem grass killer
 C2HCl3O2
 CCl3CO2H
 CCl3COOH
 Dow sodium inhibited

Removing Chemicals

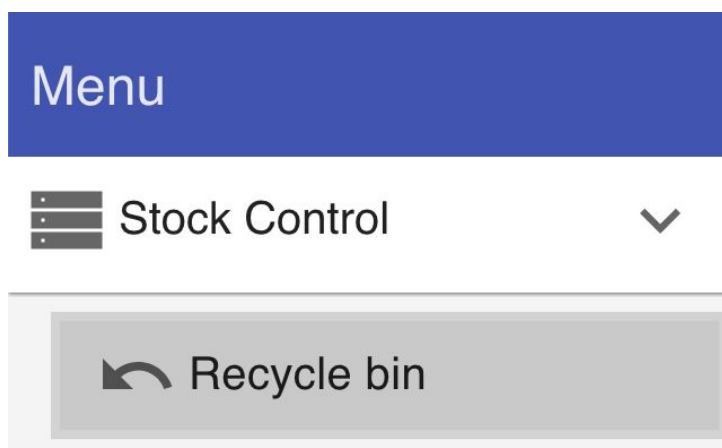


Product number: Sigma-Aldrich-T6399 (BARCODE1)
Current location: 0.211 , Consumable cabinet
Owner group: JG



- Removes it from the **live inventory list (soft delete only)**, and
- the product data **stays in the product database**
- **Stays in the logs** for compliance reports for 5 years
- Safety officer can create waste report

'Recycle bin'



- **Recover accidentally deleted chemicals**
- Recover **up-to 30 days**
- Through the **Stock taking**, you can recover chemicals **up-to 365 days**
- For chemicals over 365 days, contact LabCup officially

'Recycle bin'

Restore removed inventory item

Barcode



Location



Name






SEARCH

RESET

Result (3 / 3)



Barcode	Location	Name	Date	Reason	Who
2755	Site1 > Building 15 > 6.41 > Solvents (N)	 Toluene	09/11/2020		  
TEST1002	Site1 > Building 15 > 0.211 > Corrosive - Oxidiser > Simple	 Piperidine	03/11/2020	Empty container, used up	Restore gadmin
12544	OBS > default	 Toluene	09/11/2020		gadmin



Restore

gadmin

Overview

- **User Tasks Overview**

Read

- **User Menu**
- **Finding Chemicals**

Write

- **Adding Chemicals**
- **Label Printing**
- **Reorder Threshold**
- **Removing Chemicals**
- **Moving Chemicals**
- **Stock Taking**
- **Storage**

Group
Administrator

- **Group User Management**
- **Emergency Page**

Moving Chemicals - Within the Group



- From search results
- From chemical datasheet



CHEMICALS (1)

Result (1)

EXPORT PRINT

Barcode	Location	Chemical name	Product number	Quantity	Hazard Label(s)
BARCODE1	TBSI / 0.211 / Consumable cabinet	 Trichloroacetic acid	Sigma-Aldrich T6399	1L /  	    

Moving Chemicals - Within the Group

- From search results
- From chemical datasheet




Datasheet

BASIC INFORMATION LOCATION SAFETY INFORMATION TRANSPORT INFORMATION EMERGENCY RESPONSE HISTORY

Basic information

Molecular structure:



Brand: Sigma-Aldrich
Product number: T6399
CAS number: 76-03-9
PubChem Compound ID (CID): 6421

Barcode: BARCODE1

Chemical name on the bottle: Trichloroacetic acid

Synonyms:
2,2,2-trichloroacetic acid
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AC1Q71R9
AC1Q71RA
Acetic acid, 2,2,2-trichloro-
Acetic acid, trichloro-
Acetic acid, trichloro- (solid)
Aceto-caustin
Acide trichloracetique
Acide trichloracetique [French]
Acido trichloroacetico
Acido trichloroacetico (TN)
Acido trichloroacetico [Italian]
ACMC-1BK0N
Amchem grass killer
C2HCl3O2
CCl3CO2H
CCl3COOH
Dow sodium inhibited

Moving Chemicals - Within the Group

↔ Move 1 inventory item(s) ×

Product number: Sigma-Aldrich-T6399 (BARCODE1)
Current location: 0.211 / Consumable cabinet
Current owner: JG (gadmin)

Owner group

JG

Responsible person

gadmin (gadmin)

Location

0.211 - Consumable cabinet (L003193)



MOVE

CANCEL



- Move items to locations within your area
- Hand over responsibility within your group(s)

Moving Chemicals - To other Groups

- From search results
- From chemical datasheet

CHEMICALS (1)

Result (1) EXPORT PRINT ⋮

Barcode	Location	Chemical name	Product number	Quantity	Hazard Label(s)
BARCODE1	TBSI / 0.211 / Consumable cabinet	 Trichloroacetic acid	Sigma-Aldrich T6399	1L /          ⋮	



Moving Chemicals - To other Groups

- From search results
- From chemical datasheet




Datasheet

BASIC INFORMATION LOCATION SAFETY INFORMATION TRANSPORT INFORMATION EMERGENCY RESPONSE HISTORY

Basic information

Molecular structure:



Brand: Sigma-Aldrich
Product number: T6399
CAS number: 76-03-9
PubChem Compound ID (CID): 6421

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Acetic acid, trichloro-
Acetic acid, trichloro- (solid)
Aceto-caustin
Acide trichloracetique
Acide trichloracetique [French]
Acido tricloraacetico
Acido trichloroacetico (TN)
Acido tricloraacetico [Italian]
ACMC-1BK0N
Amchem grass killer
C2HCl3O2
CCl3CO2H
CCl3COOH
Dow sodium inhibited

Moving Chemicals - To other Groups

Mark inventory item(s) ×

Product number: Sigma-Aldrich-T6399 Current owner: JG
(BARCODE1)

Mark for disposal by HMF

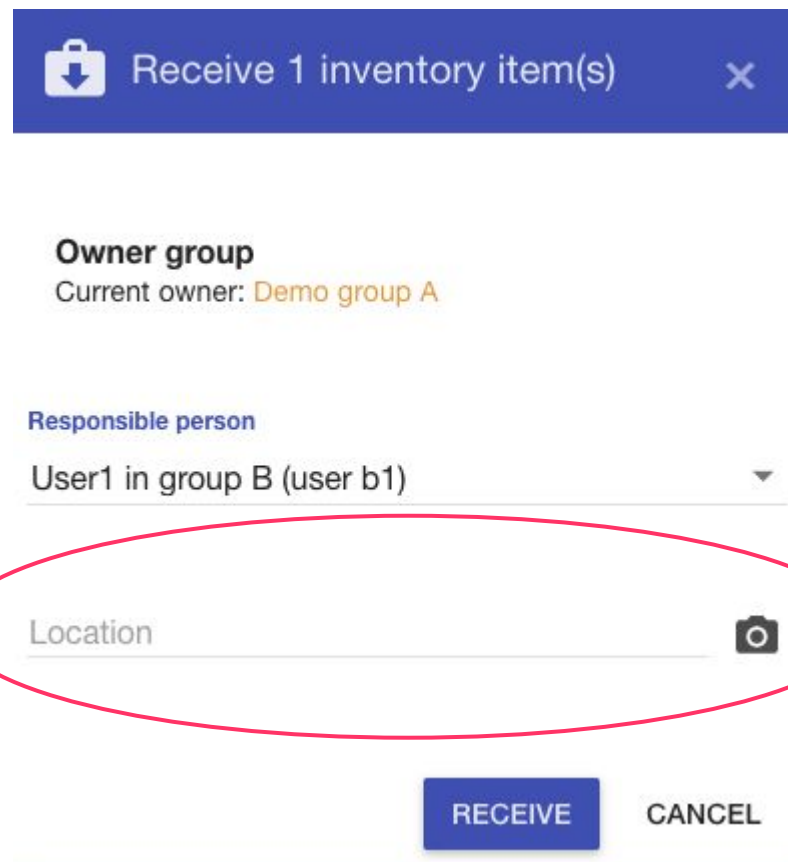
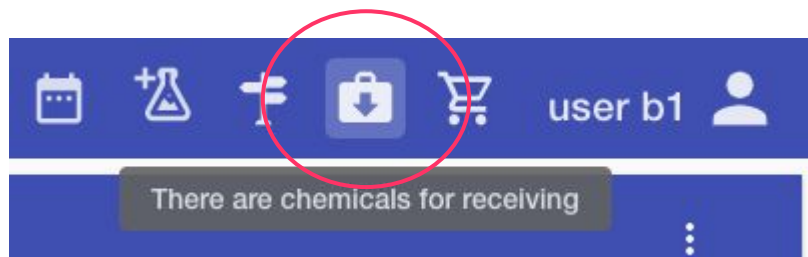
Offer to anyone interested

Offer to a group

Group
a2

- Offer items to other groups
- Ownership, responsible will change
- The other group has to accept

Moving Chemicals - To other Groups



The image shows a dialog box titled 'Receive 1 inventory item(s)' with a close button (X) in the top right corner. Below the title, the 'Owner group' is listed as 'Current owner: Demo group A'. The 'Responsible person' is set to 'User1 in group B (user b1)'. The 'Location' field is empty and has a camera icon to its right, and this field is circled in red. At the bottom of the dialog, there are two buttons: 'RECEIVE' and 'CANCEL'.

Overview

- **User Tasks Overview**

Read

- **User Menu**
- **Finding Chemicals**

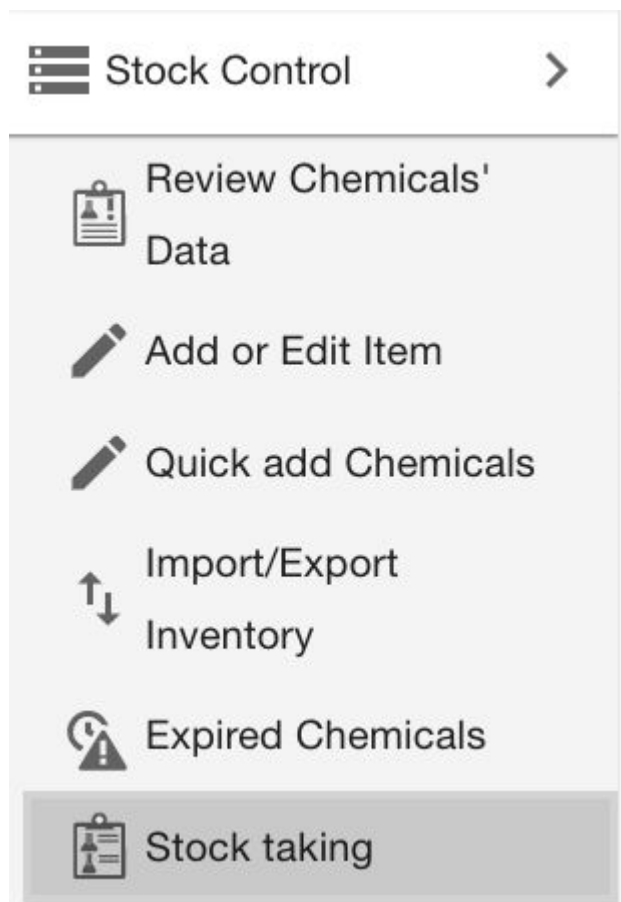
Write

- **Adding Chemicals**
- **Label Printing**
- **Reorder Threshold**
- **Removing Chemicals**
- **Moving Chemicals**
- **Stock Taking**
- **Storage**

Group
Administrator

- **Group User Management**
- **Emergency Page**

Stock Taking



The image shows a screenshot of a software interface. At the top, there is a header bar with a hamburger menu icon on the left, the text "Stock Control" in the center, and a right-pointing chevron icon on the right. Below this header is a dropdown menu with a light gray background. The menu items are listed from top to bottom: "Review Chemicals' Data" (with a clipboard icon), "Add or Edit Item" (with a pencil icon), "Quick add Chemicals" (with a pencil icon), "Import/Export Inventory" (with a double-headed vertical arrow icon), "Expired Chemicals" (with a clock and warning triangle icon), and "Stock taking" (with a clipboard icon). The "Stock taking" item is highlighted with a darker gray background.

- Stock Control >
- Review Chemicals' Data
- Add or Edit Item
- Quick add Chemicals
- Import/Export Inventory
- Expired Chemicals
- Stock taking

Stock Taking

Stock taking

Select a laboratory and a location for stock taking!
Scan every item found in the location!
LabCup will make a list of the found, missing, and misplaced items.

Laboratory *	Location *	Sublocation	
Lab B1	Cabinet 1	All	 

NEXT >

Stock Taking

Stock taking

Laboratory * Lab B1 Location * Cabinet 1 Sublocation All **CHANGE**



Lab B1 / Cabinet 1 - All **GENERATE REPORT**

Barcode 101031 **FOUND**

FOUND (0) **MISSING (2)** MISPLACED (0)

CHEMICALS (2)

Result (2)

Barcode	Location	Chemical name	CAS	Product number
101031	Lab B1 / Cabinet 1	 Ethanol	64-17-5	Aldrich 443611-1L
101030	Lab B1 / Cabinet 1	 Nitric acid	7697-37-2	Sigma-Aldrich 438073-100ML



Stock Taking

- If it is **Misplaced**: just take the item back to its right location
- If it is **not yours**: “Please take it back to...”
- If it has been **removed in the last 365 days**: you can restore it under the ‘Removed’ tab

Overview

- **User Tasks Overview**

Read

- **User Menu**
- **Finding Chemicals**

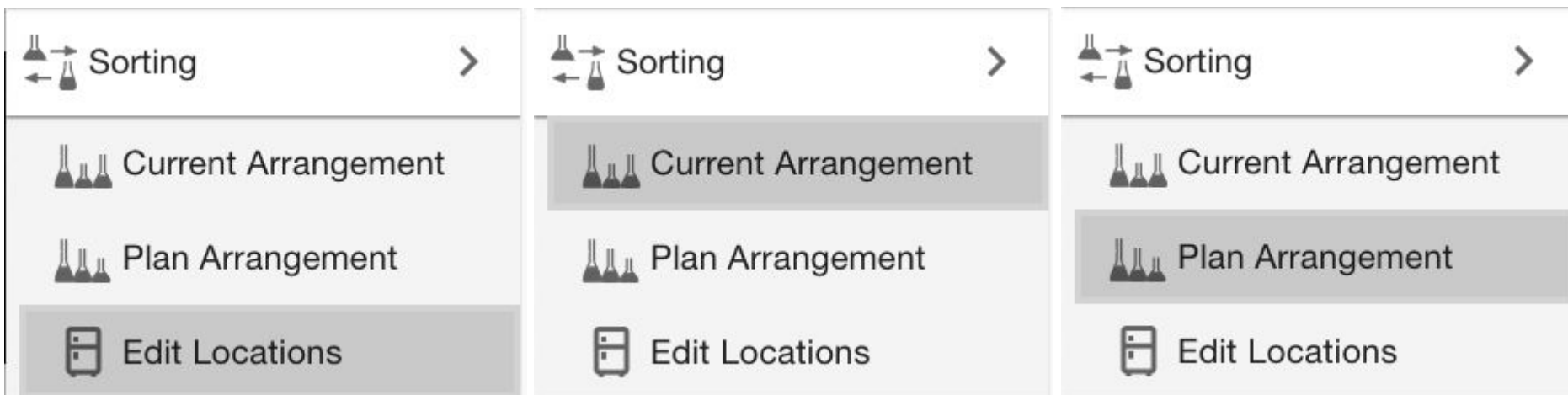
Write

- **Adding Chemicals**
- **Label Printing**
- **Reorder Threshold**
- **Removing Chemicals**
- **Moving Chemicals**
- **Stock Taking**
- **Storage**

Group
Administrator

- **Group User Management**
- **Emergency Page**

Storage



- Locations/cabinets you have
- Edit/delete/modify by hand
- No need to create them in advance
- Hazards in cabinets
- Potential labelling
- Misplaced chemicals
- Plan your locations based on compatibility (experimental)

Storage - Edit Locations

labcup

Cabinet 1 >>

Edit Locations



Laboratory
Lab A1 Show templates

Name	Capacity	Notes
Antibodies	100	automatically created by import
Cabinet 1	100	automatically created by import
Cabinet 2	100	automatically created by import
Cabinet 3	100	automatically created by import
Cells	100	automatically created by import
Consumables	100	automatically created by import
default	1000	
Fridge	100	automatically created by import
Shelf	100	automatically created by import
Shelf 1	100	automatically created by import
Shelf 2	100	automatically created by import
Tissues	100	automatically created by import

Name and type

Name *
Cabinet 1

Laboratory
Lab A1

Barcode  

Manage as an asset in the asset management

Model information

Brand

Model

Product id

Storage - Current Arrangement

Current Arrangement of Chemicals

Laboratory

Lab A1

CABINET 1	CABINET 2	CABINET 3	FRIDGE
SHELF	SHELF 1	SHELF 2	SHOW ALL

Cabinet 1 (5 ⚠)

- Flammable Liquids (Hazard Class: 3) (2)
- Flammable Solids (Hazard Class: 4) (1)
- Oxidizing substances and organic peroxides (Hazard Class: 5) (1)
- Corrosive substances (Hazard Class: 8) (1)



Extinguishing media



Labels



Storage - Plan Arrangement (exp.)

Proposed grouping			Locations Available 	
<input type="button" value="SHOW EMPTY CATEGORIES"/>			<input type="button" value="THC 1 ONLY"/>	
			<input type="button" value="SAVE"/>	
<u>SORTING 1</u>	SORTING 2	SORTING 3 (EXPERIMENTAL)		
Fridge (0-8 C) (2)			Antibodies (0 / 100)	
Flammable Solids (Hazard Class: 4) (4)			Cabinet 1 (0 / 100)	
Oxidizing substances and organic peroxides (Hazard Class: 5) (7)			Cabinet 2 (0 / 100)	
Corrosive substances (Hazard Class: 8) (5)			Cabinet 3 (0 / 100)	
Flammable Liquids (Hazard Class: 3) (13)			Cells (0 / 100)	
Non hazardous chemicals (Hazard Class: -) - Sulfite salt - Sulfite salt (1)			<p>Suggested location(s)</p> <p>Corrosives - Acids - Corrosive substances (Hazard Class: 8) / Without subsidiary risk / Acids / Organic, solid</p> <p>Location *</p> <p>Consumable cabinet (L003193) </p> <p><input type="button" value="+ NEW"/></p>	
			Issues (0 / 100)	

Overview

- **User Tasks Overview**

Read

- **User Menu**
- **Finding Chemicals**

Write

- **Adding Chemicals**
- **Label Printing**
- **Reorder Threshold**
- **Removing Chemicals**
- **Moving Chemicals**
- **Stock Taking**
- **Storage**

Group
Administrator

- **Group User Management**
- **Emergency Page**

Group User Management

Admin Users

IMPORT EXPORT + ADD

Filter


User Name or Username Free text search Group Include descendants

Role Provider Affiliation

Blocked Users

SEARCH RESET

Results

User Name ↑	Name	Host roles	Group roles
 admin	admin	<ul style="list-style-type: none">Site AdministratorFire Safety AdminSite EmergencySite Safety Officer	<ul style="list-style-type: none">Group Edit<ul style="list-style-type: none">Demo DepartmentDemo group ADemo Group BGroup Administrator<ul style="list-style-type: none">Demo DepartmentDemo group ADemo Group B

Group User Management

Users + [User Icon]

Filters

Name	Group	
Name	Username	Roles
admin	admin	• Site Administrator
demo user	demo user	• Group Administrator
jane smith	jane smith	• Group Edit - Demo
joe bloggs	joe bloggs	• Group Edit - Demo
john smith	john smith	• Group Edit - Demo
Safety Officer	safety1	• Site Safety Officer
User1 in group A	user a1	• Group Administrator
User1 in group B	user b1	• Group Administrator
User2 in group A	user a2	• Group Read - Demo

New user

Basic information

Name
User A1

Username*
user.a1

Authentication provider
AUTH PROVIDER

Remote authentication id
user.a1

Email
user.a1@test.com

Block user

Group User Management

Users

Filters

Name Group

Name	Username	Roles
admin	admin	• Site Administrator
demo user	demo user	• Group Administrator
jane smith	jane smith	• Group Edit - [
joe bloggs	joe bloggs	• Group Edit - [
john smith	john smith	• Group Edit - [
Safety Officer	safety1	• Site Safety Officer
User1 in group A	user a1	• Group Administrator - Demo group A
User1 in group B	user b1	• Group Administrator - Demo Group B
User2 in group A	user a2	• Group Read - Demo group A

Group roles

Demo Department (Department of Groups ,

Group Ad Demo group A

Group Ed Demo Group B

Group Loading Bay

Group Read

Group Safety Officer

SAVE

RESEND WELCOME EMAIL

REMOVE

Group User Management

labcup

Users

Filters

Group

Name Demo group

Name	Username
demo user	demo user
jane smith	jane smith
joe bloggs	joe bloggs
john smith	john smith

Group roles

Access to groups can only be granted by privilege level

Group Administrator

Group Edit

Group Loading Bay

Group Read

Group Safety Officer

~~Hazardous Waste Disposal~~

Warning! User has no access rights and will NOT be able to log in.

SAVE

REMOVE

Group User Management

- **Users with chemicals can not be deleted but can be blocked**
- **Users have to have groups otherwise they can not login**
- **Required user info:**
 - **Name,**
 - **Email,**
 - **SSO ID,**
 - **Group,**
 - **Access right**

Configuration of Chemical Fields

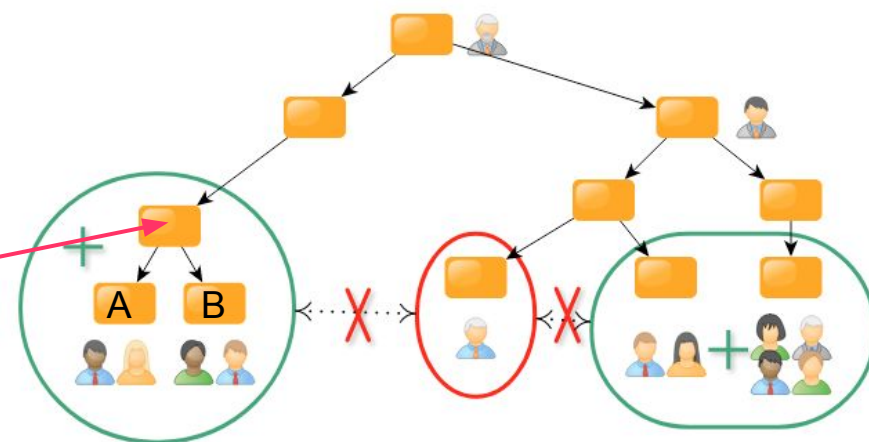
Groups & Departments + 👤

↑↓ IMPORT


Filter Show hierarchy


Groups

- ▼ Demo Department
Department of Groups AB
 - Demo group A
 - Demo Group B



Configuration of Chemical Fields

Groups & Departments 

 **IMPORT**

Filter Show hierarchy

▼ Groups

- ▼ Demo Department
Department of Groups AB
 - Demo group A
 - Demo Group B

Optional chemical fields

Product information

- | | |
|--|--|
| <input checked="" type="checkbox"/> Lot information | <input type="checkbox"/> EC number |
| <input checked="" type="checkbox"/> IUPAC name | <input checked="" type="checkbox"/> Synonyms |
| <input checked="" type="checkbox"/> Note | <input checked="" type="checkbox"/> Tags |
| <input checked="" type="checkbox"/> File attachments | <input type="checkbox"/> UUID |

Quantity

- | | |
|---|--|
| <input checked="" type="checkbox"/> Current quantity / weight | <input checked="" type="checkbox"/> Current gross weight |
| <input checked="" type="checkbox"/> Gross weight | <input checked="" type="checkbox"/> Tare weight |

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Emergency Page




Emergency
Emergency
Emergency

 Fire Department


Building: a building Laboratory: a lab



EXPORT

Emergency contact
Emerg Contact :)))

Location	Pictograms	Firefighting
a		<div style="display: flex; gap: 5px;"> <div style="background-color: black; color: white; padding: 2px;">CO₂ CARBON DIOXIDE</div> <div style="background-color: red; color: white; padding: 2px;">WATER SPRAY</div> <div style="background-color: yellow; color: black; padding: 2px;">AR-AFFF FOAM</div> <div style="background-color: blue; color: white; padding: 2px;">CLASS D POWDER</div> <div style="background-color: blue; color: white; padding: 2px;">CLASS D POWDER</div> <div style="background-color: blue; color: white; padding: 2px;">CLASS D POWDER</div> <div style="background-color: blue; color: white; padding: 2px;">CLASS D POWDER</div> </div>
default		<div style="display: flex; gap: 5px;"> <div style="background-color: black; color: white; padding: 2px;">CO₂ CARBON DIOXIDE</div> <div style="background-color: red; color: white; padding: 2px;">WATER SPRAY</div> </div>
Laboratory (all)		<div style="display: flex; gap: 5px;"> <div style="background-color: black; color: white; padding: 2px;">CO₂ CARBON DIOXIDE</div> <div style="background-color: red; color: white; padding: 2px;">WATER SPRAY</div> </div>

Emergency Page

 Emergency >

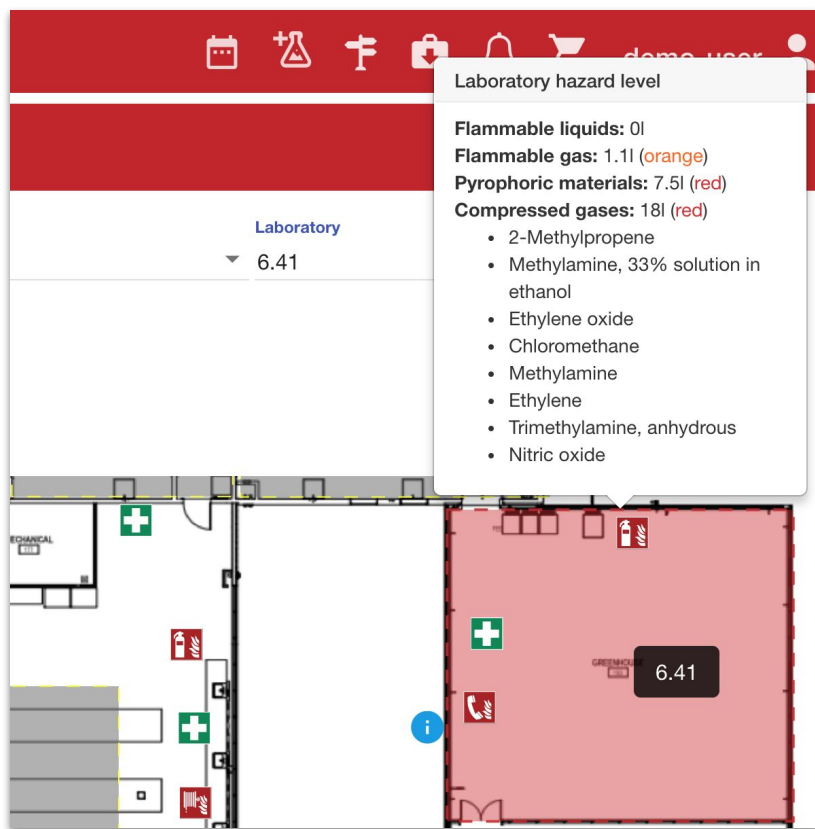
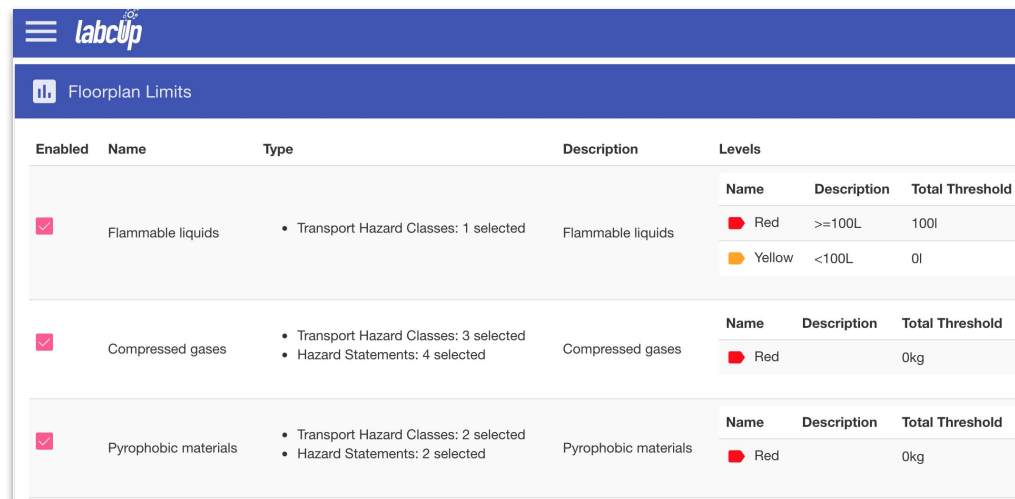
 Emergency access tokens


Emergency access tokens make the emergency page remotely accessible. This access is read only. Send the URL to the first responders and they will be able to look at the emergency page in a Chrome or Firefox browser.

Laboratory	Location	URL	Updated By
0.211	Corrosive - Oxidiser	https://dev.labcup.net/#/accessTokens/t/hnzlyxrrSI7nbljbKFrHLY1VvA4XlvaT	gadmin
0.211b	All	https://dev.labcup.net/#/accessTokens/t/15VA0mZA4mgGXxDPOb5cJUjhEbz3fJS8	gadmin

Emergency Page - Floorplan

- The EHS/Safety Office can set maximum thresholds in labs
- Limits breached highlighted by color

The screenshot shows the 'Floorplan Limits' configuration page in the LabCup interface. It contains a table with the following data:

Enabled	Name	Type	Description	Levels		
				Name	Description	Total Threshold
<input checked="" type="checkbox"/>	Flammable liquids	• Transport Hazard Classes: 1 selected	Flammable liquids	Red	>=100L	100l
				Yellow	<100L	0l
<input checked="" type="checkbox"/>	Compressed gases	• Transport Hazard Classes: 3 selected • Hazard Statements: 4 selected	Compressed gases	Red		0kg
<input checked="" type="checkbox"/>	Pyrophobic materials	• Transport Hazard Classes: 2 selected • Hazard Statements: 2 selected	Pyrophobic materials	Red		0kg

Thanks for your attention!

