
RSS RELAUNCH 2022-2023

CHEMICAL INVENTORY & SDS

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RSS RELAUNCH SCHEDULE

- Phased roll-out. All meetings 8:30 – 9:30 AM on Zoom.
- Zoom URL will be posted on the main EHS webpage, RSS webpage and invites will be sent.

Date	Subject	Description
10/7/2022	Relaunch	RSS introduction, new modules, what to expect, resources.
11/4/2022	RSS Setup	Groups, new naming convention, profiles, etc. Even existing RSS users will need to rename their areas to comply with the new naming convention.
1/27/2023	Hazardous Waste	WASTE module. Users can create their own compliant labels, keep track of the waste in their area(s) & request a pickup in the system with a click.
3/10/2023	Chemical Inventory & SDS	RSS Chemical inventory module and RFID scanning & SDS Access. If you have hazardous chemicals in your area no matter the volume, you are required to keep an accurate chemical inventory. EHS has purchased an RFID Scanner for campus use and RFID tags for initial inventories.
4/7/2023	Assess	Hazard assessment module.
5/12/2023	Inspect	Lab/workshop Inspection module. Every Lab or Workshop must complete an inspection by the end of the academic year.

RSS SDS

- Replaces MSDS Online (License of MSDS Online expires at end of 2023; RSS SDS available immediately).
- Online repository.
- Can search by **product name**, **product number**, or **vendor**.
- Can also search by **CAS number** but doesn't work as well.
- You can also add an SDS if it is not currently in the collection.
- SDSs can be located using the **RFID tag** (if using) for those that have the UC Chemicals Mobile App

ACCESSING RSS SDS

- Log in to RSS using your Cal Poly ID and password.
- If you have a campus **guest**, you can request permission by emailing EHS at environmental-health-safety@calpoly.edu.
- Need first name, last name, and email of guest.
- EHS created a flier that can be posted by computers or in lab/workshop spaces.
- Access to SDS must be available. Personal technology equipment is ok to use.

Risk and Safety Solutions (RSS) Safety Data Sheets (SDS)

EHS Contact: Aubrey Arain | alarain@calpoly.edu | (805) 756-7171

What is RSS SDS?

- The SDS module is an online searchable database for chemical Safety Data Sheets.
- RSS SDS will replace MSDS Online at the end of the 2023 year.

How do I access RSS SDS?

- Anyone with a Cal Poly ID and password can access the site using their login credentials.
- Campus guests can be granted access to RSS SDS. To register a guest, please email their first name, last name, and email address to environmental-health-safety@calpoly.edu.
- The login page can be found at the QR code below.
- You can access RSS SDS on your phone, computer, or tablet.



March 2023

<https://afd.calpoly.edu/ehs/docs/rss/rss-sds-flier.pdf>

WHAT MUST BE INVENTORIED

1. Any chemical stock container that contains any amount of a *hazardous* substance which falls into one or more OSHA/GHS health or physical hazard class according to its labeling and SDS.
 - Include stock containers that are transferred to any other container, larger than 10 g or 10 ml and intended for long-term storage.
 - Multiple small containers of identical material can be entered as one entry provided the total volume of all containers are reflected.
 - Nonhazardous substances/solutions do not need to be inventoried (optional)
2. All compressed, liquefied, or frozen gas cylinders (including inert gases and lecture size bottles).
3. All non-pressurized cryogenic dewars (any that are larger than a hand-held).
4. Synthesized (novel) chemicals that exceed 10 g or 10 ml AND intended for long-term storage.
5. Define multiple sublocations if your materials are stored in deferent areas (i.e. nitrogen storage outside).
6. Received date, expiration date are required for organic peroxide formers.

RFID TAGGING

- **RFID Tags** are a new offering to the campus to make periodic reconsolidation of inventories much easier.



Front
ONE tag, NOT Two



Back
only one side has the RFID



RFID scanner available for “check out” to reconcile inventories.



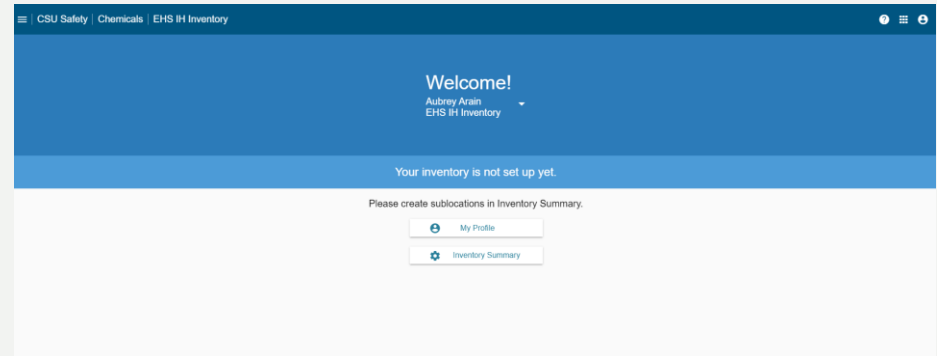
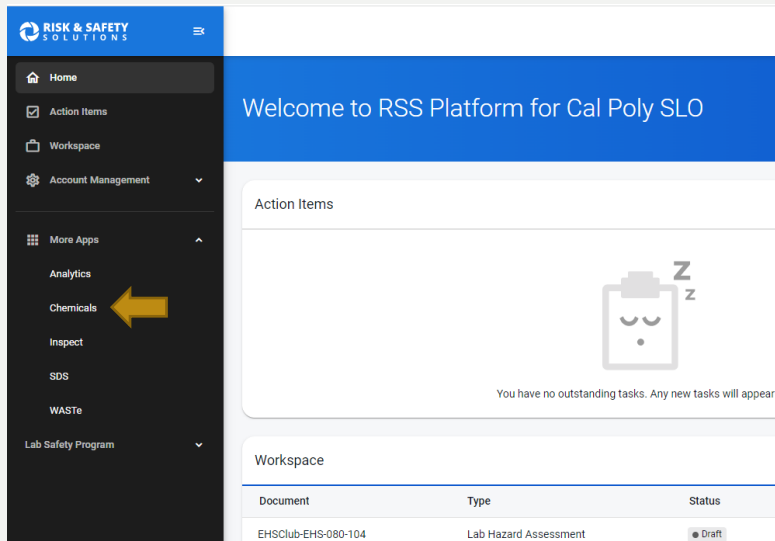
Fold Together
wings out, make a 3D Tag



RFID TAGGING

- Labs and Shops are not *required* to use **RFID tags**.
- If your Lab or Shop has a small inventory (<50), RFID tags are not recommended.
- If you have a **large** inventory (>50), **highly recommended**.
- Area must have a process to tag new containers as they come into the inventory and to remove tags for those that are disposed or used up.
- Static tags can be used for high use materials (tag the shelf or a card in the inventory area, etc.).
- RFID tags are available by contacting EHS.

UC CHEMICALS DESKTOP



- Make sure you are in the correct Inventory (under “Welcome”)
- Add sublocations under **Inventory Summary**
- You **MUST** have at least one sublocation to add materials to your Inventory.

<https://riskandsafety.com/>

UC CHEMICALS MOBILE APPLICATION



Installing the Chemicals Application

For iOS users	For Android Users
<ol style="list-style-type: none">1. Navigate to the App Store2. Search for UC Chemicals3. Select Install4. Launch the application5. Enter your email address for your organization6. Log in with your campus credentials	<ol style="list-style-type: none">1. Navigate to the Google Play Store2. Search for UC Chemicals3. Select Install4. Launch the application5. Enter your email address for your organization6. Log in with your campus credentials

- The mobile application is not required.
- Mobile app **very helpful** for barcoding (RFID)
- Use the import inventory function in the mobile app if barcoding (RFID).

<https://riskandsafety.com/>

LIVE DEMO

(RSS GUEST TOM PATTERSON)

WEBSITE RESOURCES

Environmental Health & Safety

EHS Home | Contacts | Forms | Programs | Facilities Management & Development

[EHS HOME](#) / [ENVIRONMENTAL HEALTH & SAFETY](#) / [RISK & SAFETY SOLUTION](#)

Risk & Safety Solutions

Cal Poly Safety Management System

California Polytechnic State University – San Luis Obispo currently uses Risk and Safety Solutions (RSS) as the Safety Management System. RSS is used on campus to conduct workplace and laboratory hazard assessments, to conduct workplace and laboratory inspections, to compile chemical inventories, and to help manage hazardous waste. The software allows Principal Investigators, Instructional Support Technicians, Delegates, and/or other Responsible Person(s) to identify and manage risks on campus while meeting safety compliance. RSS is available as a website format. A mobile app can also be downloaded for use on your cell phone or tablet.

[LOG IN TO RSS](#) | [TROUBLE WITH RSS](#) | [RSS WRITTEN PROGRAM](#)

[SUBSCRIBE TO THE RSS LISTSERV](#)

*Questions about RSS programming at Cal Poly: email Aubrey Arain at alarain@calpoly.edu

With checklists, you can create an inspection that meets your needs. Ask

- Get Started
- Assess
- Inspect
- Chemical Inventory
- Safety Data Sheet
- Hazardous Waste

Contacts

Forms

EHS Programs

Report a Hazardous or Unsafe Condition

Hazardous Waste & Materials

Workers Compensation

Risk & Safety Solutions

Training

Facilities Management & Development

Campus Emergency Management

Weather Station

Environmental Health & Safety

EHS Home | Contacts | Forms | Programs | Facilities Management & Development

[EHS HOME](#) / [ENVIRONMENTAL HEALTH & SAFETY](#) / [RSS](#) / [CHEMICAL INVENTORY](#)

Chemical Inventory

RSS' Chemical Inventory management tool uses a barcoding system to quickly add chemicals to an inventory. It contains a library of chemicals that are referenced to populate chemical details.

Risk and Safety Solution Documents and Forms

Roles_CSU	PDF	>
Getting Started and FAQ Guides	PDF	>
Adding a Novel Compound	PDF	>
Adding a Chemical	PDF	>
Adding commercial chemical	PDF	>
Creating a custom chemical name	PDF	>
Searching Inventory	PDF	>
Switch group	PDF	>
Training videos	PDF	>
Setting up an inventory	PDF	>
Chemical Template	EXCEL	>

GUIDANCE

- RSS YouTube videos
 - https://www.youtube.com/playlist?list=PLbTc_eeg0ejpxP89kGfh8QALUCz8c590K
 - Note: Some RSS training videos feature QR code tags. These are being phased out. Cal Poly Labs/Shops can use RFID tags or no tags.
- EHS RSS Webpage
- Beginning the week of March 20, EHS will publish a schedule of 30-minute one-on-one training sessions for those who would like in-person assistance getting started.
- RSS in-app support

THANK YOU

