

# Chemical Management

Streamline the Chemical Management Lifecycle to Ensure Safety and Compliance

Managing chemicals is complex and time-consuming, often involving multiple departments and stakeholders. Organizations are required to manage the risks associated with using, handling and storing chemicals, as well as accurately tracking inventory and maintaining detailed documentation.

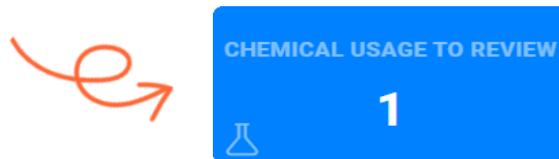
The Evtix Chemical Management module streamlines these processes, improving accuracy and auditability of records, assisting with compliance and enhancing safety by providing frontline workers with accurate and up-to-date chemical and safety information.

## Core Functionalities

The Chemical Management module comes pre-configured with a workflow to manage and maintain chemicals within the business.

Key capabilities include

- Chemical Register with SDS Management
- Chemical Usage (including approvals and reviews)
- Inventory Management



Approval process to assess chemicals



Pollution prevention



Inventory control and notifications



Mobile access to chemical information, including SDSs



Consolidation of vital chemical information in one central location



Efficient SDS management

## The **Chemical Register** consolidates all vital information about a chemical in one place.

Ensure employees can access information anytime via desktop and mobile app, Roam. This includes Safety Data Sheets (SDS), which provide additional information on the safe use and handling of the chemical is available and current.

Create a complete picture of chemicals used in the company, including:

- Locations that have been approved to use a chemical and the quantities stored.
- Visual indicators making it easier to identify which locations may exceed thresholds.
- Outcomes of reviews.
- Pollution prevention considerations.

The chemical inventory tracking system can send alerts when regulator-defined storage thresholds, such as EPCRA (US), COMAH (UK), SEVESO III (EU) or WHS (AU), are reached, informing responsible people that additional regulatory reporting requirements may now be enforced.



**Chemical Usage** comprises requests, approvals, inventory control, reviews and pollution prevention

## **Chemical Usage** provides a thorough approval process ensuring a comprehensive understanding and risk assessment before introducing any chemical to a location or site.

- **Conduct a detailed analysis** of the chemical and its suitability for use, with access to SDSs and other information about how the chemical will be used.
- **Identify any changes in usage or training requirements** using a scheduled chemical review process. With easily customizable questionnaire templates, the process can be defined to be specific to the chemical or the location.
- **Use Pollution Prevention to identify and analyze alternatives** and their viability for use. This promotes sustainable practices in line with regulatory requirements and external expectations.
- **Centralized chemical manifest** for a unified view of all chemicals stored at your facility.
- **EPCRA Tier II CSV Report** for quick submission.
- Generate standard **OSHA HazCom Labels**.

# Chemical Inventory tracking promotes accurate and timely analysis of how much and where chemicals are used and stored to maintain compliance with permits and regulations.

- **Track inventory and set threshold limits** for
  - Chemical and chemical categories
  - Chemical components in mixtures
- **Set threshold based on the specific regulations** for each location. COMAH/SEVESO III, WHS and WHS-MHF, as well as EPCRA and DHS thresholds are pre-loaded.
- **Send automated alerts to key stakeholders** when threshold quantities are exceeded and a change in reporting requirements may be required.
- **Enable QR code scanning** on the mobile app to enter stock quantities quickly when they arrive.

With our mobile application, users can conveniently access chemical information, including SDSs, on their mobile devices, ensuring they have the information they need at their fingertips.

Users can manually search or use QR codes to instantly access details about any given chemical, ensuring frontline workers always have the information they need.

## Integrated processes

### Action Management

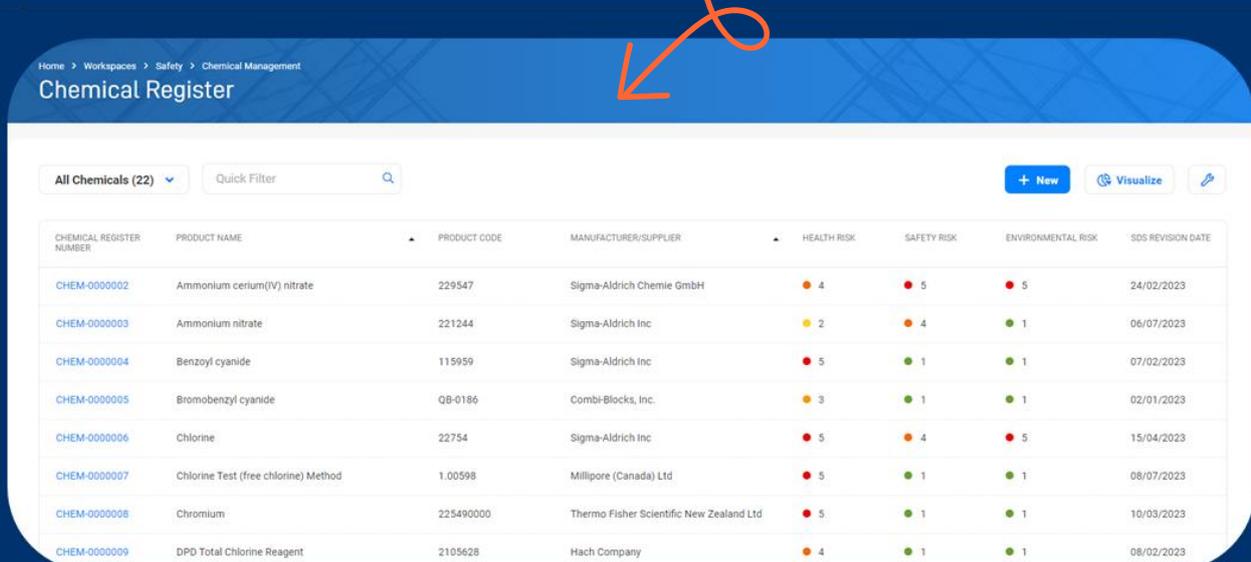
Manage actions for all modules in a consistent and centralized way across the entire solution.

### Hazard Register

Link known hazards with specific chemicals.

### Waste Management

Track and report chemical waste generation, treatment and disposal.



Home > Workspaces > Safety > Chemical Management

### Chemical Register

All Chemicals (22) Quick Filter [Search Icon] + New Visualize [Edit Icon]

CHEMICAL REGISTER NUMBER	PRODUCT NAME	PRODUCT CODE	MANUFACTURER/SUPPLIER	HEALTH RISK	SAFETY RISK	ENVIRONMENTAL RISK	SDS REVISION DATE
CHEM-0000002	Ammonium cerium(IV) nitrate	229547	Sigma-Aldrich Chemie GmbH	4	5	5	24/02/2023
CHEM-0000003	Ammonium nitrate	221244	Sigma-Aldrich Inc	2	4	1	06/07/2023
CHEM-0000004	Benzoyl cyanide	115959	Sigma-Aldrich Inc	5	1	1	07/02/2023
CHEM-0000005	Bromobenzyl cyanide	QB-0186	Combi-Blocks, Inc.	3	1	1	02/01/2023
CHEM-0000006	Chlorine	22754	Sigma-Aldrich Inc	5	4	5	15/04/2023
CHEM-0000007	Chlorine Test (free chlorine) Method	1.00598	Millipore (Canada) Ltd	5	1	1	08/07/2023
CHEM-0000008	Chromium	225490000	Thermo Fisher Scientific New Zealand Ltd	5	1	1	10/03/2023
CHEM-0000009	DPD Total Chlorine Reagent	2105628	Hach Company	4	1	1	08/02/2023

# Provide easy access to Safety Data Sheets with the **Integrated SDS Library**

Effectively managing chemical safety is critical for compliance and workforce protection. With an Integrated SDS Library, Evotix provides seamless access to a comprehensive database of Safety Data Sheets (SDSs) via our partner SDS Manager.

This integration empowers organizations to efficiently maintain up-to-date chemical safety information, ensuring compliance and safeguarding employee well-being.

With access to millions of SDSs from over 150,000 suppliers, you can now search, retrieve and manage SDS records directly within the Evotix 360 platform, saving time and enhancing safety.

## 01 Search and select SDSs

Quickly search a vast SDS database from SDS Manager using live search capabilities in the Chemical Register. Select the relevant datasheets and automatically integrate them into your system.

## 02 Index key chemical information

Extract and auto-populate details from each SDS, including hazard statements, chemical composition, PPE requirements and GHS pictograms. This ensures all essential data is accessible, searchable and ready for reporting.

## 03 Receive automated updates

Keep your SDS data current with automated update notifications. Set daily, weekly or monthly intervals to check for new versions, ensuring SDS data remains current.

## 04 Access SDS on mobile

Enable frontline teams to access chemical safety data anytime through the mobile app.

Users can search for chemicals or scan QR codes to instantly retrieve the necessary Chemical information, complete with universally recognizable GHS pictograms, while on-site.

## Generate standard OSHA HazCom labels



**Chlorine**  
7782-50-5

Sigma-Aldrich Inc.  
Sigma-Aldrich Inc., 3055 Spruce St.  
St. Louis MO (Missouri) 63103  
United States



**DANGER**

**Precautions**  
Avoid release to the environment.  
IF ON SKIN: Wash with plenty of water.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Store in a well-ventilated place. Keep container tightly closed.  
Protect from sunlight. Store in a well-ventilated place.

**Hazards**  
May cause or intensify fire; oxidizer.  
Contains gas under pressure; may explode if heated.  
Causes skin irritation.  
Causes serious eye irritation.  
Fatal if inhaled.  
May cause respiratory irritation.  
Very toxic to aquatic life with long lasting effects.  
Reduced Labeling (<= 125 ml)

Emergency Contact: 800-424-9300 CHEMTREC (USA) +1-703- 527-3887 CHEMTREC (International) 24



9:53

Chemical Register

Product Name  
Acetic acid

GHS Pictograms  


CAS Number  
64-19-7

Used For  
Synthesizing vinyl acetate monomer (precursor for polyvinyl acetate PVA)

Safety Data Sheet  
  
Acetic acid.pdf

SDS Revision Date  
26/7/2023

Risks and Hazards



**US**  
Chicago

+1 (872) 215 5913



**UK**  
London  
Manchester  
Glasgow

+44 (0) 161 521 8490



**AU**  
Melbourne  
Perth

+61 3 8595 5909

# Let's chat

[contact@evotix.com](mailto:contact@evotix.com)

Our Evotix team is passionate about applying market leading technology to create safer, smarter workplaces, partnering with organizations that value people's safety, communities and the planet.

As safety professionals and long-term leaders in the Verdantix EHS Green Quadrant, our deep and practical insight addresses your evolving needs, helping you achieve your health, safety and sustainability goals.

**Evotix: your all-around partner for the journey.**

**EVOTIX**

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