

WELCOME TO OUR

# Quarterly Safety Newsletter

*we're so glad you're here!*



HI, DID YOU KNOW?

## Regulatory Update

The updated OSHA 1910.1052 Methylene Chloride standard establishes the requirements for employers to control occupational exposure to methylene chloride by limiting an 8-hour time-weighted average (TWA) vapor level to below 12.5 ppm. Exceeding this TWA threshold will require our university to monitor vapor concentration in laboratories and perform medical surveillance on laboratory personnel. To avoid these compliance activities, methylene chloride must be used inside a functioning chemical fume hood. Inform EH&S immediately of uses outside of a fume hood.

[FIND OUT MORE](#)

## Hazard and Risk Alert

### METHYLENE CHLORIDE IS DANGEROUS!

Methylene chloride, also known as dichloromethane is a volatile, colorless liquid that has a moderately sweet aroma. Being highly volatile and heavier than air makes methylene chloride a serious inhalation hazard. Acute inhalation will cause central nervous system depression, unconsciousness, and even death. Once inside the body, methylene chloride is metabolized to formaldehyde and carbon monoxide so that chronic exposure may produce symptoms similar to carbon monoxide exposure. Symptoms may include headache, nausea, vomiting, confusion, and dizziness. Skin contact may cause irritation and burns. In addition, methylene chloride is a suspect carcinogen.





# Our Latest Program Updates

YOU CAN FIND DETAILS ON OUR WEBSITE!

[Methylene chloride standard](#)

[Safety Stratus chemical inventory system](#)

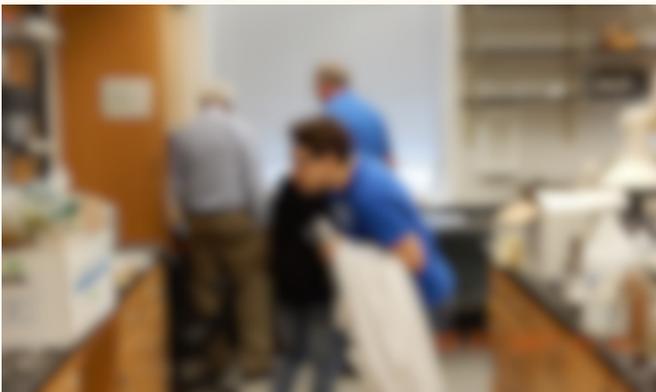
Excel [template](#) for formatting spreadsheets for upload to Safety Stratus

Access the new [Compressed Gas Safety](#) training

Access the new [Personal Protective Equipment](#) training

[Report incidents and unsafe conditions online](#)

[SEE FULL CASE STUDY](#)



## Coming Up

### ANNUAL INSPECTIONS

Annual lab safety inspections in 2024 will focus on safety equipment testing, standard operating procedures, and personal protective equipment.

[FIND THE CHECKLISTS](#)



## Coming Up

### NEW ON-LINE TRAINING

Managing your laboratory – designed for Principal investigators and lab managers or group safety officers who have roles in facilitating laboratory operations.

[TRAINING REQUIREMENT](#)

# DAILY NEWS

Word • Business • Finance • Lifestyle • Travel • Sport • Weather

A student burned his eye in a University of Utah lab. The U. knew about dangers beforehand, an audit finds, but didn't take action.

## News and Articles

LEARN FROM SOMEONE ELSE'S EXPERIENCE!

Mistaking formalin for ethanol

What I learned from my lab accident

Lab incident shows the importance of safety protocols

Popcorn polymer explosion at a plant in Port Neches, Texas

## Believe It or Don't

"When safety is first, you last."

~Unknown

"Before you criticize someone, walk a mile in their shoes".

This way, when you finally criticize, you are a mile away (with their shoes).

~UNKNOWN too

## Contact us today

HAVE ANY QUESTIONS ABOUT CHEMICAL AND LAB SAFETY?

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LET'S CHAT!



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