



Exposure Control Plan – Methylene Chloride

The purpose of the Methylene Chloride Exposure Control Plan is to manage the risks from exposure. Methylene Chloride, also referred to as dichloromethane and DCM is a colorless liquid with a sweet smell that is commonly used in research. In 2024, the Final Risk Management Rule under TSCA was released. The [FACT SHEET](#) designed by the EPA provides a summary of the requirements. All labs conducting research with methylene chloride at or above 0.1% concentration, must complete the following lab specific exposure control plan.

LAB INFORMATION

Principal Investigator/Laboratory Hygiene Officer:	Date:
Lab Personnel Name(s):	
Building:	Lab Number(s):
Description of Experiment or Procedure:	

HAZARDS

<p>Methylene Chloride is an irritant and may also cause drowsiness and dizziness. It is a suspected carcinogen and may cause damage to organs through prolonged or repeated exposure</p>	 
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EPA OCCUPATIONAL EXPOSURE LIMITS

EXPOSURE LIMIT	CONCENTRATION
ACTION LEVEL (TWA-8)	1 PPM
EXISTING CHEMICAL EXPOSURE LIMIT (ECEL)	2 PPM
SHORT TERM EXPOSURE LIMIT (STEL) – 15 MINS	16 PPM

ADMINISTRATIVE CONTROLS

1. Has the principal investigator (PI) reduced the quantity of methylene chloride use as much as possible?	YES	NO
2. Has the principal investigator (PI) researched a substitution for methylene chloride?	YES	NO
3. Have all lab personnel completed general lab safety and methylene chloride training on the UT Test Bank?	YES	NO

MONITORING DATA

MONITORING DATE	RESULTS (TWA-8)	PERIODIC MONITORING REQUIRED	
		YES	NO

ENGINEERING CONTROLS

1. Is all methylene chloride work done under local exhaust ventilation (i.e., fume hood)?	YES	NO
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PERSONAL PROTECTIVE EQUIPMENT

Chemical Splash Goggles	YES	NO
Gloves: <input type="checkbox"/> PVA/Butyl OR <input type="checkbox"/> Viton/Butyl	YES	NO
Respiratory Protection: Type _____	YES	NO

PRINCIPLE INVESTIGATOR APPROVAL

I have reviewed the use requirements for methylene chloride and approve of this lab specific exposure control plan for methylene chloride. I also agree to review and update the exposure control plan to ensure the effectiveness, identify any updates and ensure that anyone using methylene chloride in the lab are properly trained and are implementing all required controls.

Principle Investigator (Print)	Date	Signature