

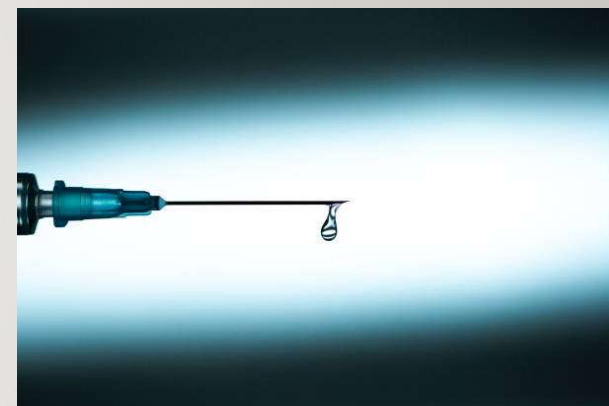
SAFETY MINUTE

FEBRUARY 25TH, 2022

MISSISSIPPI STATE UNIVERSITY

HAND CHEMICAL LAB

BY:ALAN CECIL



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Safety First: A Recent Case of a Dichloromethane Injection Injury

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FISCHER SDS FIRST AID MEASURES

Methylene chloride

Revision Date 24-Dec-2021

General Advice	If symptoms persist, call a physician.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Most important symptoms and effects	. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting: Causes central nervous system depression: Continued or high exposures by inhalation will cause anaesthetic effects. This may result in a loss of consciousness and could prove fatal: Causes formation of carbon monoxide in the blood. Carbon monoxide may cause adverse effects on the cardiovascular system and the central nervous system
Notes to Physician	Treat symptomatically

THE HAZARDS OF DCM INJECTION

10 – 15 minutes after



24 hours after



5 days after



1 year after



2 hours after



- Never point sharp objects towards yourself
- All accidental injections should always be treated seriously
- Injection HAZARDS are NOT reported in SDS

ADDITIONAL RESOURCE

- Safe Handling of Cannulas and Needles in Chemistry Laboratories – *ACS Chem. Health Saf.* Tilak Chandra
 - <https://doi.org/10.1021/acs.chas.1c00069>

Thank you for your attention!
Safety First - WIDSIO

