



# CHEMICAL SAFETY MOMENT

Issue 1 – March 2024



**NEW**

## EH30: Cryogenic Liquids Safety Awareness

EHS newly released the online, self-paced safety awareness on Cryogenic Liquids. This awareness describes the hazards, control methods, proper storage and handling, personal protective equipment, and emergency procedures for working with cryogenic liquids, especially liquid nitrogen. Anyone who is working or planning to work with cryogenic liquids should take this training.

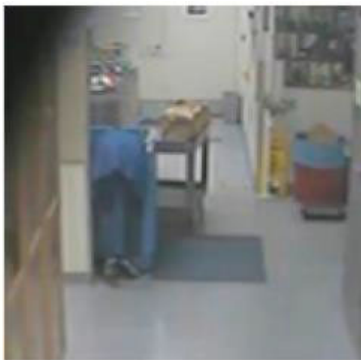
⇒ [Access EH30 Online Training Course](#)

## Lessons Learned: Asphyxiation Hazard Associated with Dry Ice

A case study of a graduate student researcher who lost consciousness while retrieving dry ice.

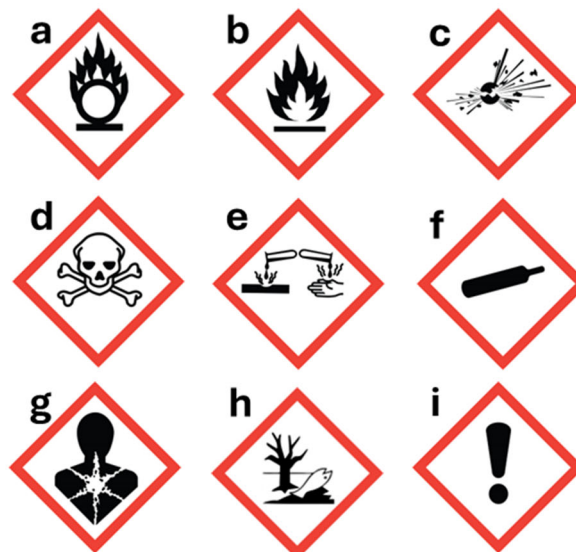
*ACS Chem. Health Saf. 2023, 30, 3, 120–123 (DOI: 10.1021/acs.chas.3c00027)*

⇒ [Access to the Full Article](#)



## Quiz: Match GHS Pictograms to the Hazards

(Answers can be found at the bottom of the page)



1. Oxidizers
2. Flammables, Pyrophorics, Organic Peroxides, etc.
3. Aquatic Toxicity
4. Irritant, Acute toxicity (harmful), Skin Sensitizer, etc.
5. Explosives, Self-Reactives, Organic Peroxides
6. Gases Under Pressure
7. Acute Toxicity (fatal or toxic)
8. Skin Corrosion/Burns, Eye Damage, Corrosion To Metals
9. Carcinogen, Mutagenicity, Respiratory Sensitizer, etc.

Answers to the Quiz: a1, b2, c5, d7, e8, f6, g9, h3, i4